Oscar

In

Mathematics

For Primary One

(Student book)

Prepared by

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The Length

Look at the picture above, then underline the correct word:

is (taller than / shorter than)

is (longer than / shorter than)

Color and write the length as the example:

The length is 6

The length is .....

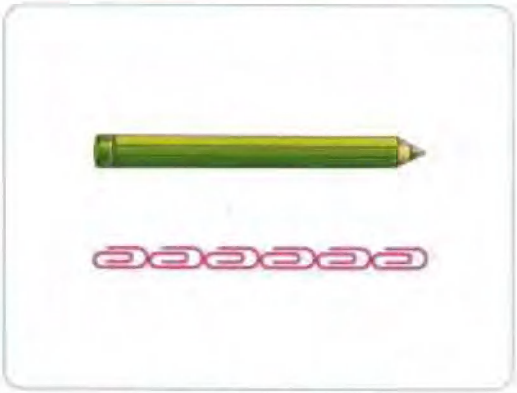
length

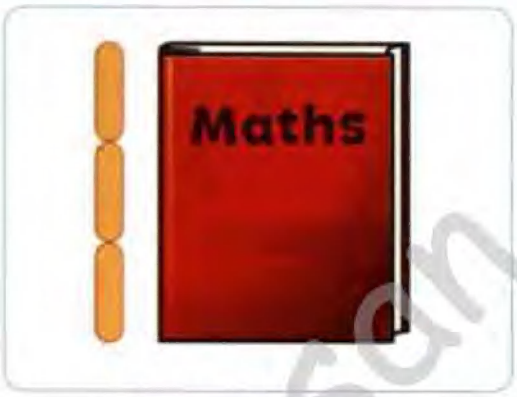
The length is .....

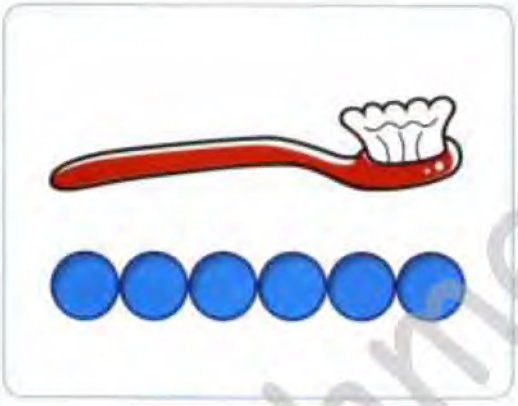
The length is .....

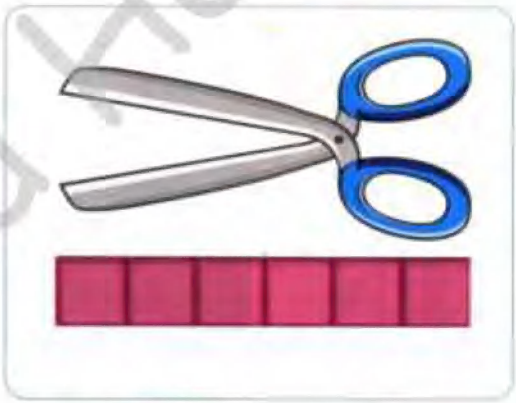
The length is .....

Measure the length of each object.









Relative Positions

Observe the position of the rabbit, then write the suitable number to each word in the circle:

◯ right	◯ left	◯ in front of
◯ behind	◯ below	◯ above

Match.

In | Out | Up | Down

Observe the position of the tree to the lion and match the correct word:

Right

Left

Behind

In front of

Ordinal Numbers

Ordinal Numbers

10th Tenth

9th Ninth

8th Eighth

7th Seventh

6th Sixth

5th Fifth

4th Fourth

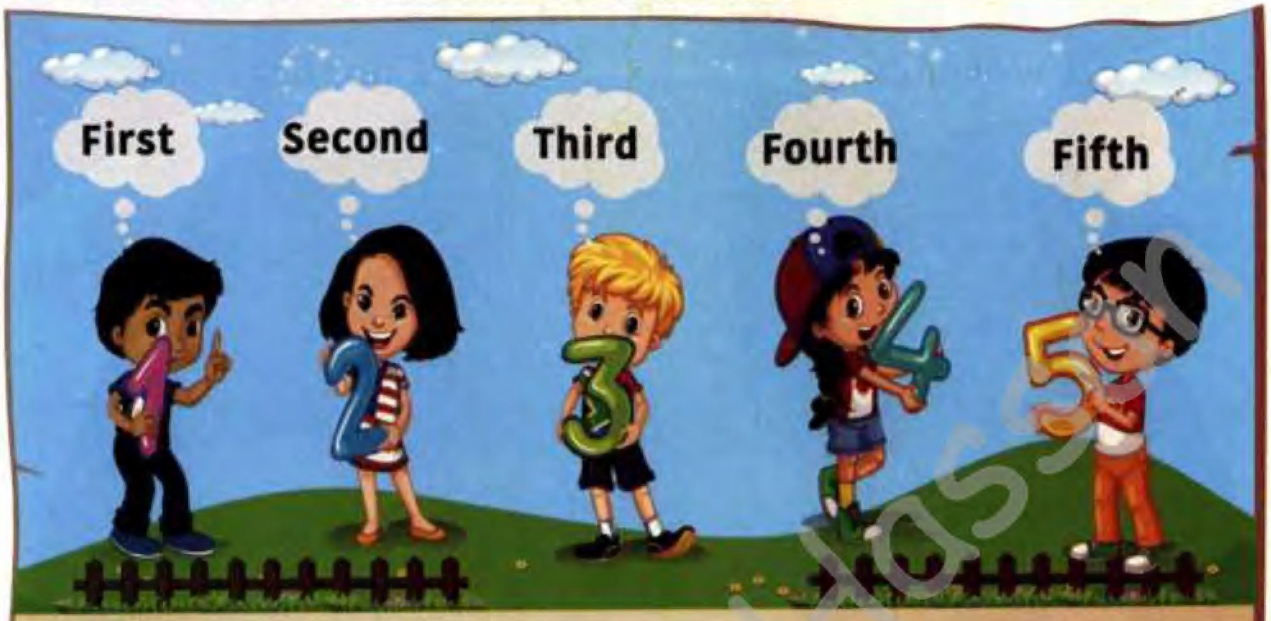
3rd Third

2nd Second

1st First

Activity 3

Observe the picture and circle the correct order of each child as the example:



2nd Second | **4th Fourth** | 3rd Third

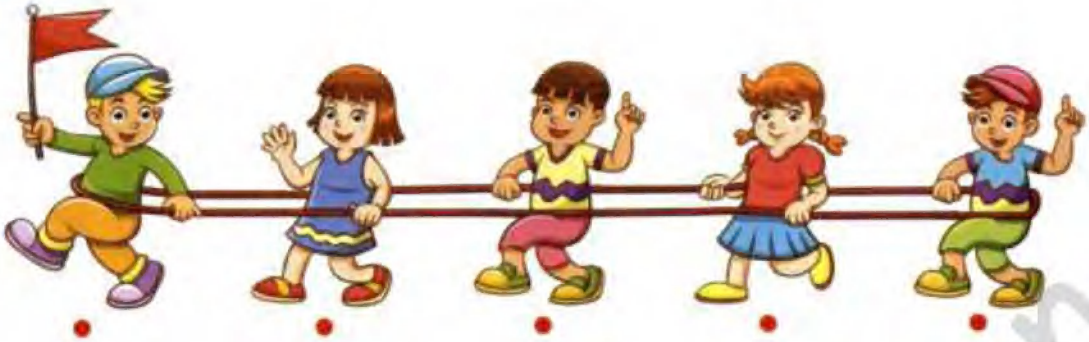
1st First | 5th Fifth | 4th Fourth

1st First | 4th Fourth | 3rd Third

3rd Third | 1st First | 2nd Second

1st First | 4th Fourth | 5th Fifth

Match.



2nd 4th 1st 3rd 5th

third fifth fourth first second

One More * One Less

1 more & 1 less

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Note

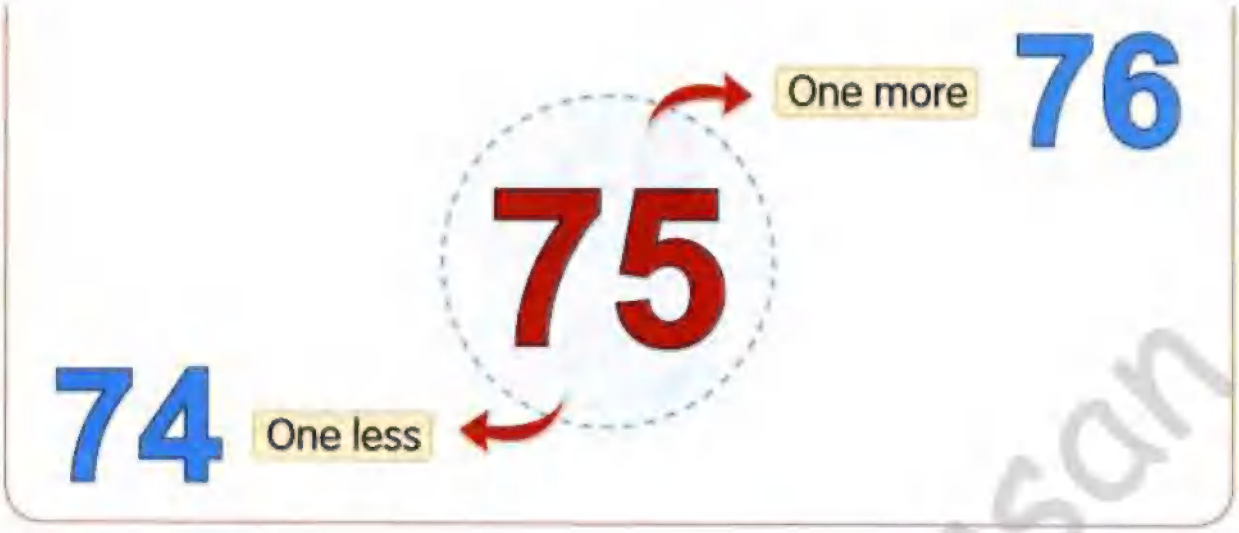
49 is 1 more than **48**

47 is 1 less than **48**

Use the hundred chart to complete.

_____ is 1 more than **64**.

_____ is 1 less than **64**.



Write the number that is 1 more.

Write the number that is 1 less.

Complete.

____	one less ←	55	→ one more	____
____	one less ←	70	→ one more	____
____	one less ←	21	→ one more	____
____	one less ←	9	→ one more	____

Complete.

____ is 1 more than 56

____ is 1 more than 39

74 is 1 more than ____

49 is 1 more than ____

____ is 1 less than 48

____ is 1 less than 21

62 is 1 less than ____

70 is 1 less than ____

Look at the picture above, then circle the correct word:

is (**one** more / **one** less) than

is (**one** more / **one** less) than

Write one number more and one number less as the example:

Ten More * Ten Less

10 more & 10 less

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Note

58 is 10 more than 48

38 is 10 less than 48

Use the hundred chart to complete.

_____ is 10 more than **64**.

_____ is 10 less than **64**.

1 more & 1 less - 10 more & 10 less

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Use the hundred chart to fill in.

10 less

1 less 55 1 more

10 more

10 less

1 less 76 1 more

10 more

-10

-1 33 +1

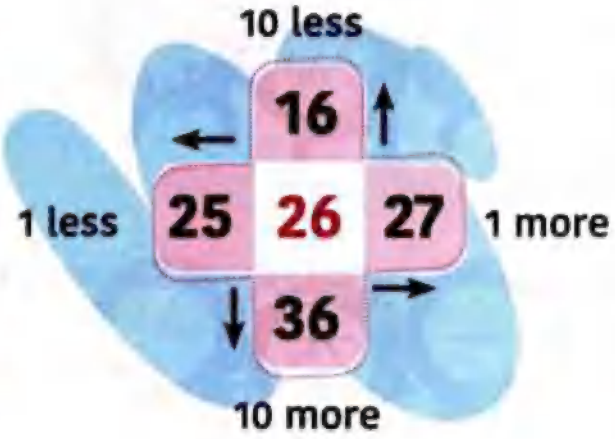
+10

-10

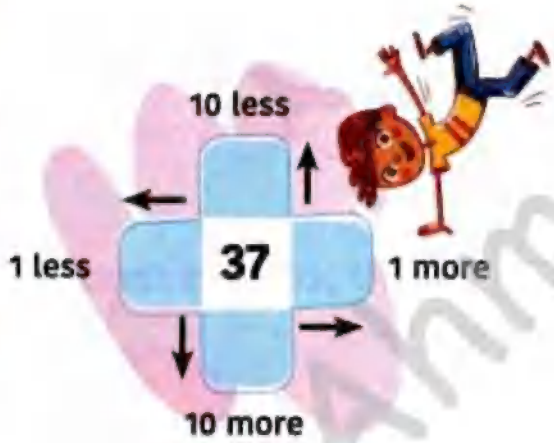
-1 15 +1

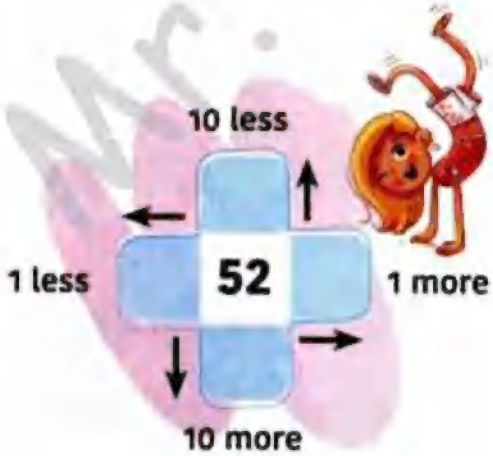
+10

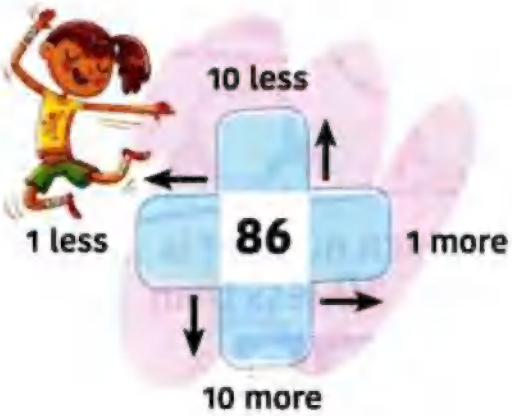
- **Use the hundred chart to fill in the boxes:**



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100







Money

1 pound

1 pound

5 pounds

10 pounds

20 pounds

50 pounds

100 pounds

Write the amount of money.

____ L.E.

____ L.E.

____ L.E.

____ L.E.

Join the equal amounts of money.

Can you buy it ? Yes or No.



YES!
NO!


YES!
NO!



YES!
NO!



YES!
NO!

Compare amounts of money with (< , > or =) as the example:

Tens & Ones

I learned

- Determining the value and place value of each digit in the two-digit number.

Its place value is tens.

Its place value is ones.

57

Its value is 50.

Its value is 7.

- The value of each digit in the two-digit numbers depends on its place.

Activity 5

Use the numbers to complete:

25	17	24	71	32	42	37

Write the tens and ones.

56 → | tens | ones |
|---|---|
| 5 | 6 |

98 → | tens | ones |
|---|---|
| | |

13 → | tens | ones |
|---|---|
| | |

33 → | tens | ones |
|---|---|
| | |

30 → | tens | ones |
|---|---|
| | |

5 → | tens | ones |
|---|---|
| | |

Write the number.

tens	ones
7	2

→ 72

tens	ones
1	5

→ ____

tens	ones
2	7

→ ____

tens	ones
4	6

→ ____

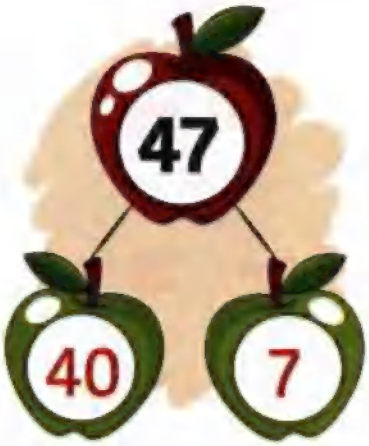
tens	ones
0	4

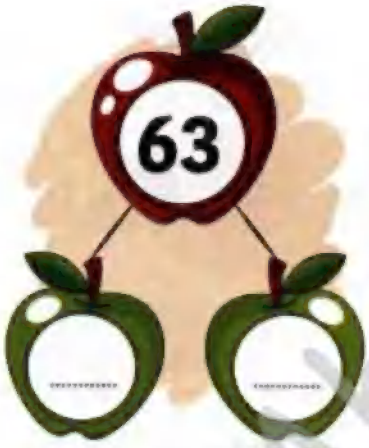
→ ____

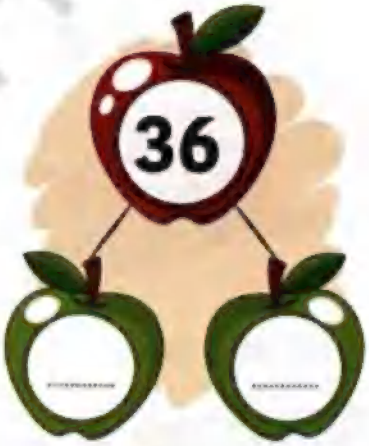
tens	ones
8	0

→ ____

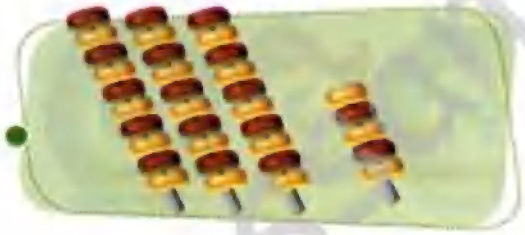
Determine the value of each digit as the example:







• **Match:**

42	I am made up of 3 tens and 4 ones, who am I?
34	
46	4 tens + 2 ones
35	I am made up of 1 ten and 8 ones, who am I?
18	20 + 6
26	I am made up of 4 tens and 6 ones, who am I?

Comparing & Ordering Numbers

Comparison:

1 Which is greater 8 or 11?

Since **8** consists of **1** digit.

and **11** consists of **2** digits

So 11 > 8

Or 8 < 11

2 Which is greater 75 or 49?

Start comparing from the "tens digit".

7	5	4	9

Since **7** > **4**, then **75** is greater than **49.**

So 75 > 49.

Or 49 < 75.

3 Which is greater 69 or 65?

Start comparing from the "tens digit".

6	9	6	5

Since the tens digits are the same 6 , 6 .

Then compare the ones digit **9** > **5**

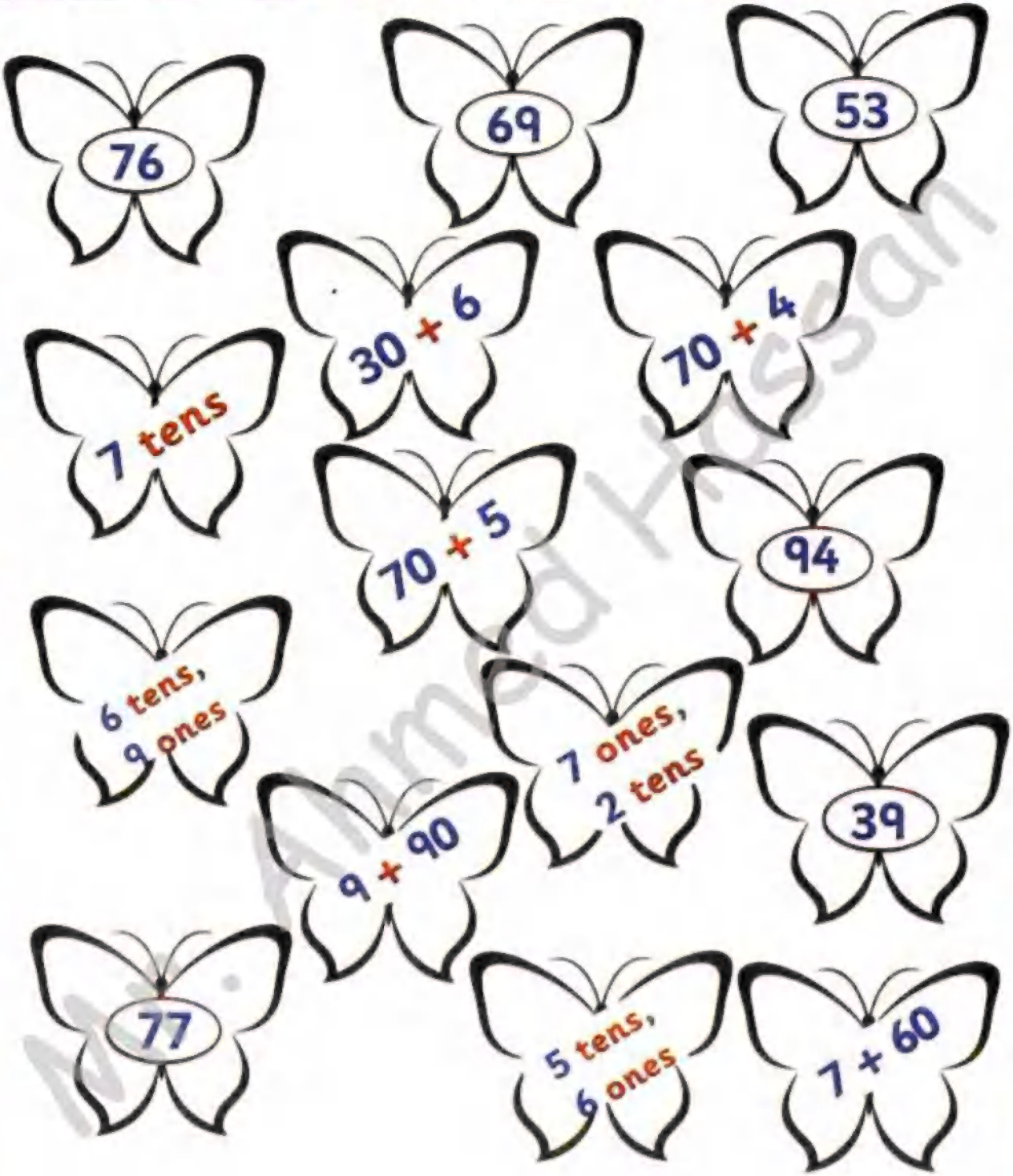
So 69 > 65

Or 65 < 69.

Write < , > or =.

24 ☐ 15	37 ☐ 28
36 ☐ 36	9 tens , 8 ones ☐ 99
61 ☐ 6	6 tens , 4 ones ☐ 46
28 ☐ 20	40 + 5 ☐ 3 tens ; 5 ones
47 ☐ 74	5 tens ☐ 4 tens , 9 ones
5 ☐ 13	30 + 3 ☐ 3 tens , 3 ones
82 ☐ 85	6 tens ☐ 7 ones

6 Color the numbers that are greater than 70 in red, less than 70 in blue and equal to 70 in yellow:



• Rewrite the numbers in order from the least to the greatest:

45 , 80 , 77 , 23 , 19

..... < ..... < ..... < ..... < .....

55 , 50 , 87 , 30 , 52

..... < ..... < ..... < ..... < .....

41 , 20 , 22 , 24 , 40

..... < ..... < ..... < ..... < .....

• Order the numbers from the greatest to the smallest:

30 , 26 , 72 , 11 , 62

..... > ..... > ..... > ..... > .....

15 , 76 , 90 , 67 , 51

..... > ..... > ..... > ..... > .....

16 , 25 , 80 , 10 , 33

..... > ..... > ..... > ..... > .....

Order the following numbers:

The order from the greatest to the smallest:




The order from the smallest to the greatest:




Order the following numbers:

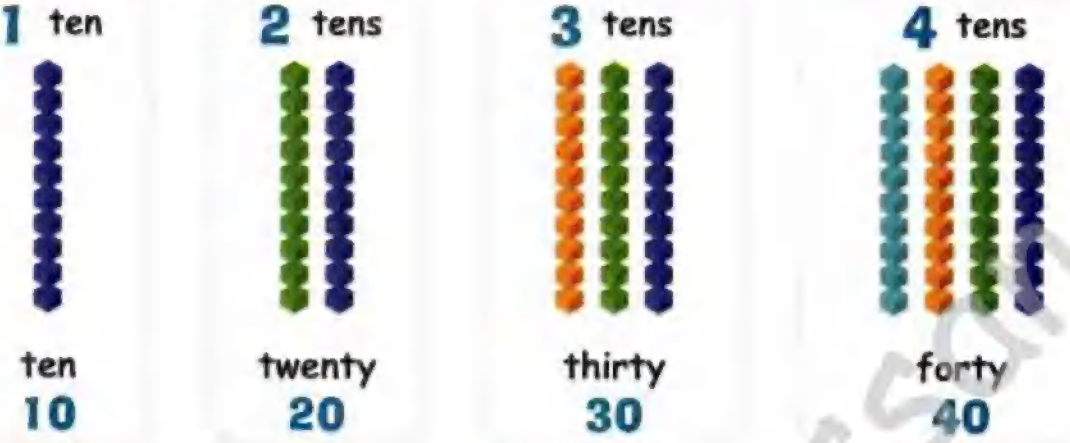
The order from the smallest to the greatest:

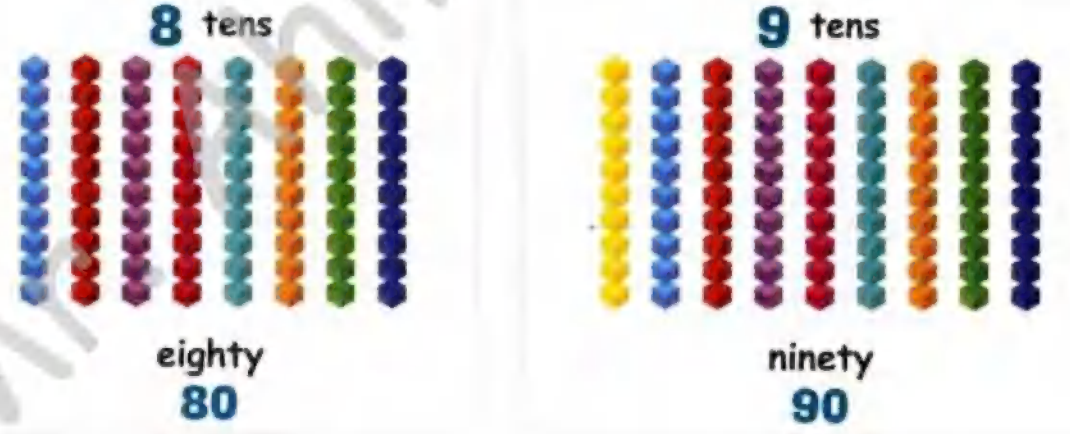



The order from the greatest to the smallest:

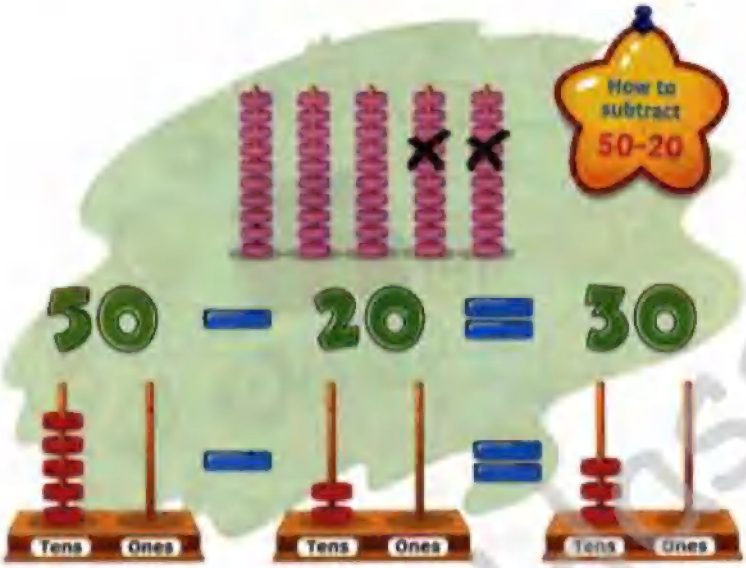



Remember: Multiples of Ten

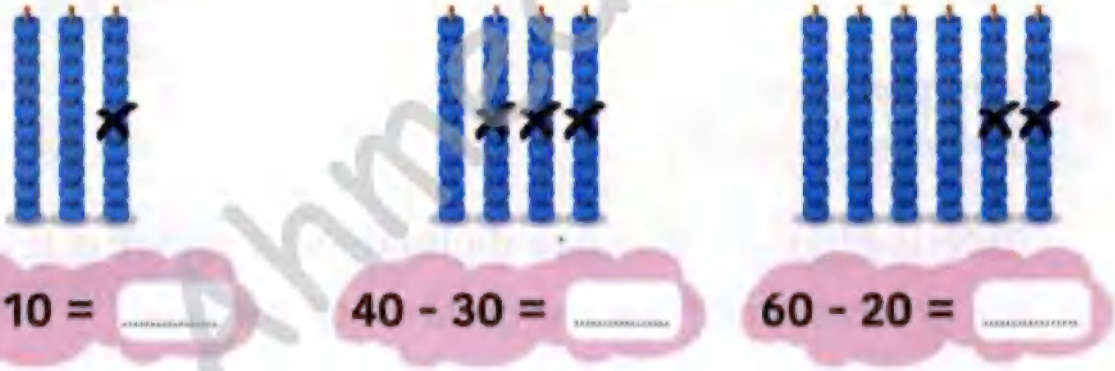




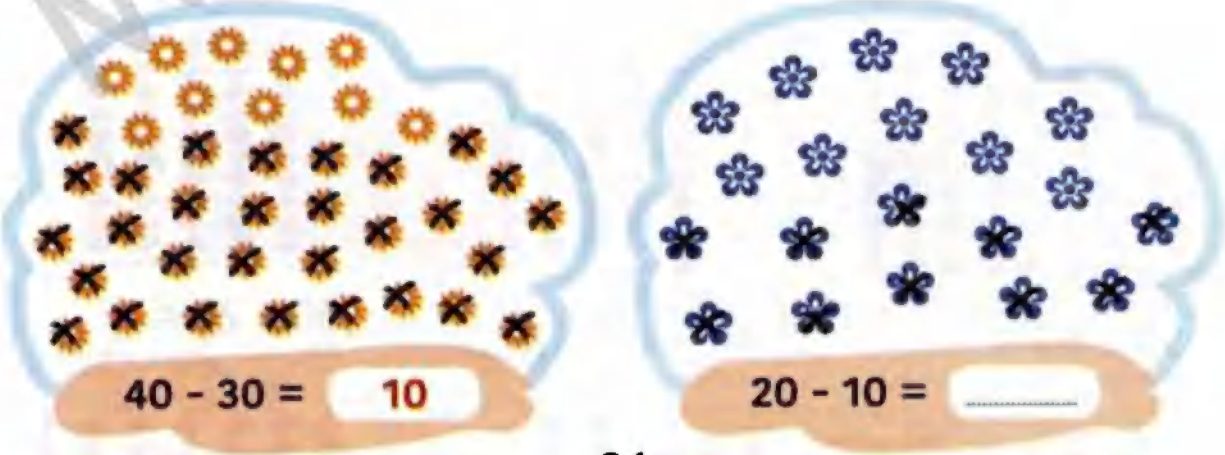
Subtracting The Multiples of 10 From The Multiples of 10



Activity 1 Subtract and complete:



Subtract and write the result as the example:



Join.

80 - 50	1 Ten
70 - 60	30
6 Tens - 1 Ten	60
7 Tens - 3 Tens	20
50 - 3 Tens	4 Tens
90 - 30	5 Tens

Problem Solving (Addition)

Problem solving strategy (1)

2 children ride bicycles.

4 children joined them.

How many children are riding bicycles now ?

Writing a number sentence strategy

Understand

✿ **What do you want to find out ?**

Circle the question.

Plan

✿ **What facts do you need ?**

Underline them.

Solve

✿ **Write a number sentence to solve.**

2 + 4 = 6

Check

✿ **Does your answer make sense ?**

Draw a picture to check.

Problem solving strategy (2)

Sara has **7** flowers.

Her mother gave her some extra flowers.

Now Sara has **11** flowers

How many flowers did her mother give her ?

Drawing a picture strategy

✿ **Write a number sentence to solve.**

7 + ? = 11

✿ **Draw a picture to solve.**

• Draw 7 → ● ● ● ● ● ● ●

What Sara has first

• Draw 11 → ● ● ● ● ● ● ● ● ● ● ●

What Sara has in all

1 2 3 4

7 + 4 = 11

• Her mother gave her 4 extra flowers.

Problem solving strategy (3)

Sameh has **8** books.

His teacher gave him some extra books.

Sameh has now **15** books.

How many books did his teacher give him ?

Subtraction strategy using fact families

✿ **Write a number sentence.**

8 + ? = **15**

Remember fact family

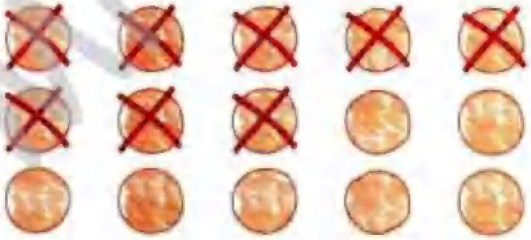
8 + 7 = 15
15 - 8 = 7
15 - 7 = 8

✿ **Change addition to subtraction.**

Start with the answer and subtract the quantity you know to get the unknown.

15 - 8 = ?

✿ **Draw a picture to solve.**



Draw **15** circles.
Cancel **8**
You will get **7**.

15 - 8 = 7

• His teacher gave him **7** books.

Add and write the result as the example:

7 + 5 = 12

○ + ○ = ○

○ + ○ = ○

Write the missing number.

15 + ◯ = 18

◯ + 7 = 11

13 + ◯ = 18

◯ + 5 = 12

8 + ◯ = 15

◯ + 4 = 13

9 + ◯ = 16

◯ + 14 = 14

Problem Solving (Subtraction)

Problem solving strategy (1)

15 birds were flying.

Some landed on a tree.

6 are still in the air.

How many birds did land on the tree ?

Drawing a picture strategy

✿ **Write a number sentence.**

15 - ? = 6

✿ **Draw a picture to solve.**

- Draw **15** circles.

- Color **6** circles and count the left circles to get the answer.

15 - 9 = **6**

- **9** birds landed on the tree.

Problem solving strategy (2)

Wael has **18** pounds.

He bought a chocolate.

Now he has **10** pounds.

How much money did the chocolate cost ?

Counting strategy

✿ **Write a number sentence.**

18 - ? = **10**

✿ **Change subtraction to addition.**

10 + ? = **18**

✿ **Count to solve.**

- Count from **10** to **18**
- You will get **8**.
- The cost of the chocolate is **8** pounds.

18 - **8** = **10**

Subtract and complete:

20 − 6 = ...

17 − ..... = ...

..... − ..... = ...

Use the following numbers to complete the problems:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Counting Forward&Backward

By ones & tens

Start on the given number. Count forward by tens. Write the number you say.

Use the hundred chart if you need.

- **Start on 6.**

16 , 26 , ___ , ___ , ___ , ___ , ___

- **Start on 4.**

14 , ___ , ___ , ___ , ___ , ___ , ___

- **Start on 7.**

___ , ___ , ___ , ___ , ___ , ___ , ___

- **Start on 3.**

___ , ___ , ___ , ___ , ___ , ___ , ___

- **Start on 5.**

___ , ___ , ___ , ___ , ___ , ___ , ___

Count forward by tens. Write the numbers.

- ✿ 3 , 13 , 23 , ___ , ___
- ✿ 18 , 28 , 38 , ___ , ___
- ✿ 47 , 57 , 67 , ___ , ___

Circle the number that comes next.

- ✿ 6 , 16 , 26 , ___ — 36 or 46
- ✿ 25 , 35 , 45 , 55 , ___ — 50 or 65
- ✿ 57 , 67 , 77 , 87 , ___ — 79 or 97

Circle the correct one.

55 L.E.

or

45 L.E.

90 L.E.

or

80 L.E.

Start on the given number. Count backward by ones. Write the number you say.

Use the hundred chart if you need.

Start on 70.

69 , 68 , ___ , ___ , ___ , ___ , ___ , ___

Start on 55.

54 , 53 , ___ , ___ , ___ , ___ , ___ , ___

Start on 45.

44 , ___ , ___ , ___ , ___ , ___ , ___ , ___

Start on 33.

___ , ___ , ___ , ___ , ___ , ___ , ___ , ___

Start on 12.

___ , ___ , ___ , ___ , ___ , ___ , ___ , ___

Start on the given number. Count backward by tens.
Write the number you say.

Use the hundred chart if you need.

Start on 86.

76 , 66 , ___ , ___ , ___ , ___ , ___ .

Start on 68.

58 , 48 , ___ , ___ , ___ , ___ .

Start on 55.

45 , ___ , ___ , ___ , ___ .

Start on 74.

___ , ___ , ___ , ___ , ___ , ___ , ___ .

Start on 61.

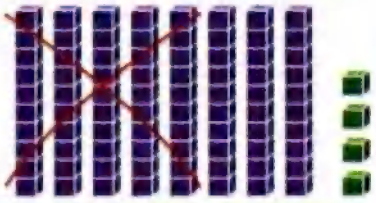
___ , ___ , ___ , ___ , ___ , ___ .

Subtracting multiples of 10 from 2-digit numbers

Subtracting multiples of 10 from two-digit numbers

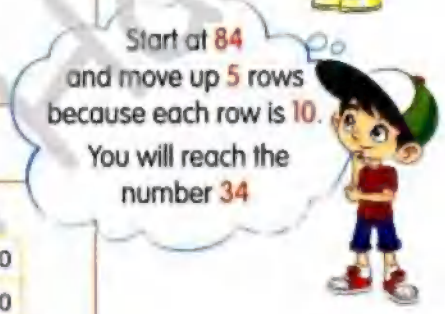
Subtract **84 - 50**

First way



$$\begin{array}{r} 84 \\ -\ 50 \\ \hline 34 \end{array}$$

84 - 50 = 34



Second way

$$\begin{array}{r} 84 \\ -\ 50 \\ \hline 34 \end{array}$$

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

84 - 50 = 34

Third way

	tens	ones
	8	4
−	5	0
	3	4

8-5 4-0

84 - 50 = 34

Use hundred chart to subtract:

45 - 30 = _____

70 - 10 = _____

96 - 40 = _____

Use place value to subtract as the example:

Tens	Ones
- 9	0
5	0
.....	.....

Tens	Ones
- 7	7
3	0
.....	.....

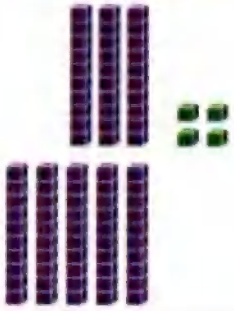
Tens	Ones
- 5	6
2	0
.....	.....

Adding multiples of 10 to 2-digit numbers

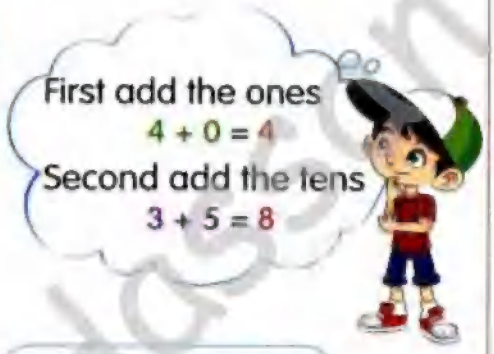
Adding multiples of 10 to two-digit numbers

Add. 34 + 50

First way



	tens	ones
	3	4
+	5	0
	8	4



34 + 50 = 84

Second way

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

34 + 50 = 84

Use hundred chart to add:

45 + 30 = _____

70 + 10 = _____

20 + 13 = _____

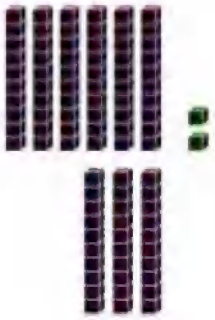
Add using place value as the example:

Tens	Ones
8	0
+ 1	0
_____	_____

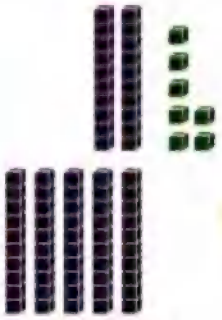
Tens	Ones
4	7
+ 4	0
_____	_____

Tens	Ones
7	5
+ 2	0
_____	_____

Complete.



tens	ones



tens	ones

Add.

35 + 20

35
+ 20
55

35 + 20 = 55

29 + 10

29
+ 10

29 + 10 =

16 + 50

+

+ =

31 + 40

+

+ =

25 + 70

+

+ =

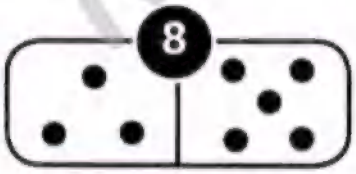
57 + 20

+

+ =

Decomposing a number within 10 into two parts

Draw dots to make the shown number, then complete:

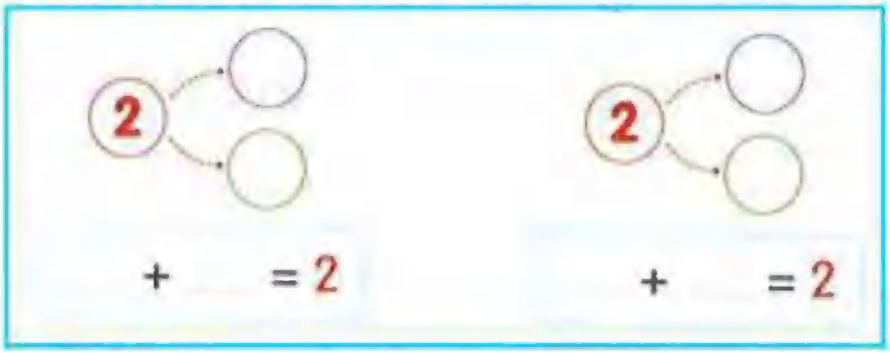


3 + 5 = 8

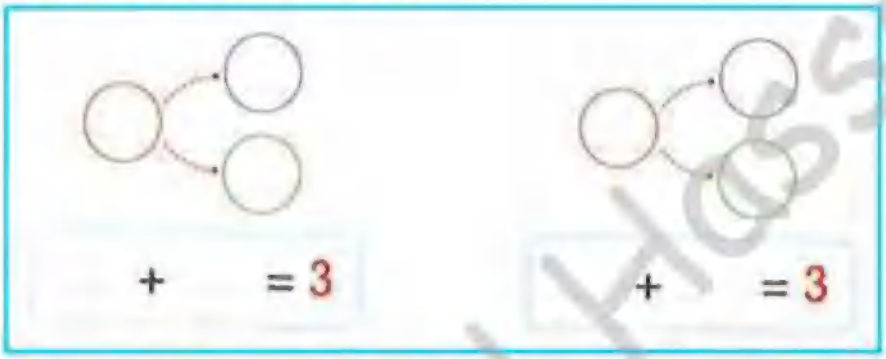
..... + 2 = 6

..... + ... = 9

Decompose the number 2:

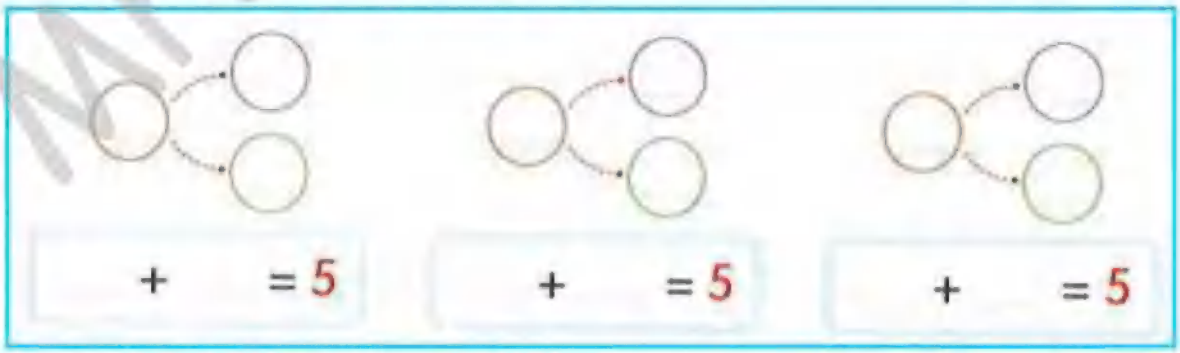


Decompose the number 3:

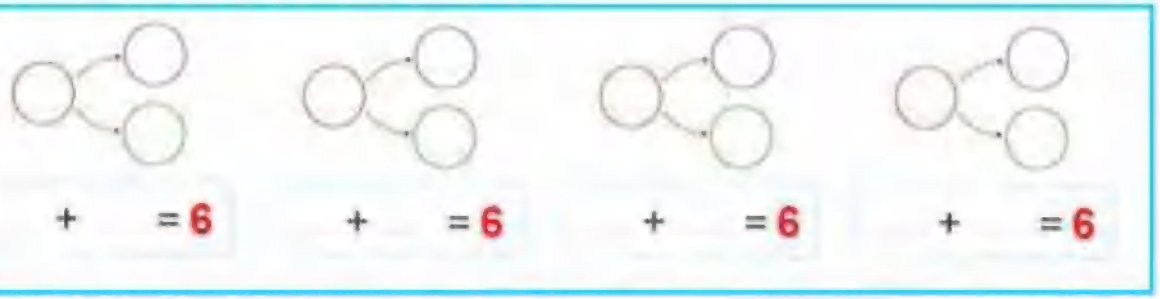


Decompose the number 4:

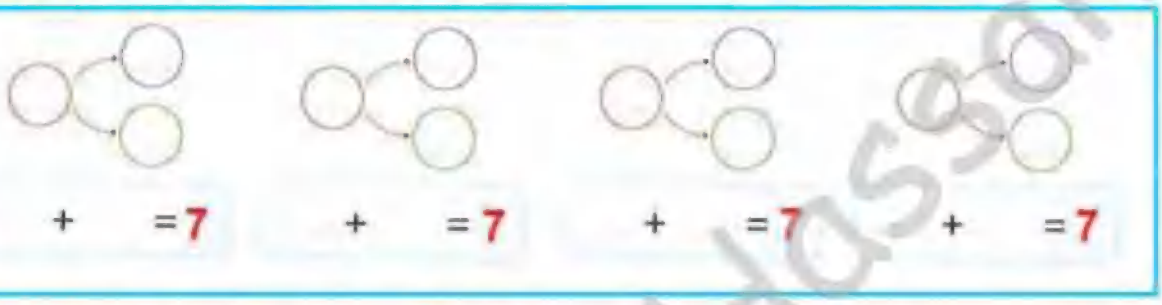
Decompose the number 5:



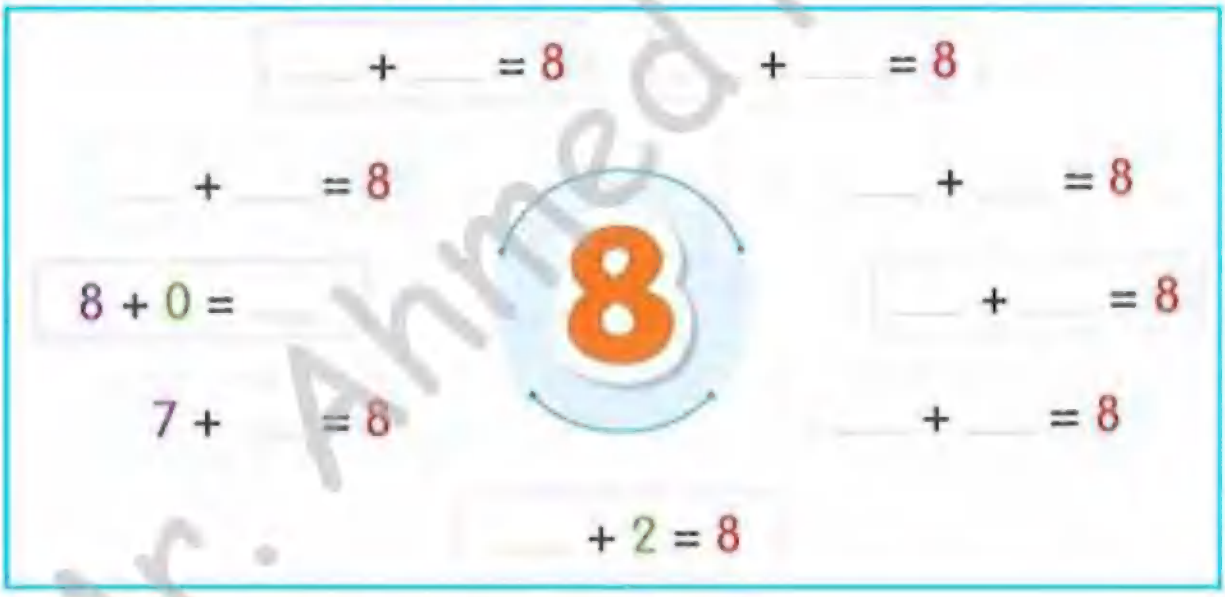
Decompose the number 6:



Decompose the number 7:

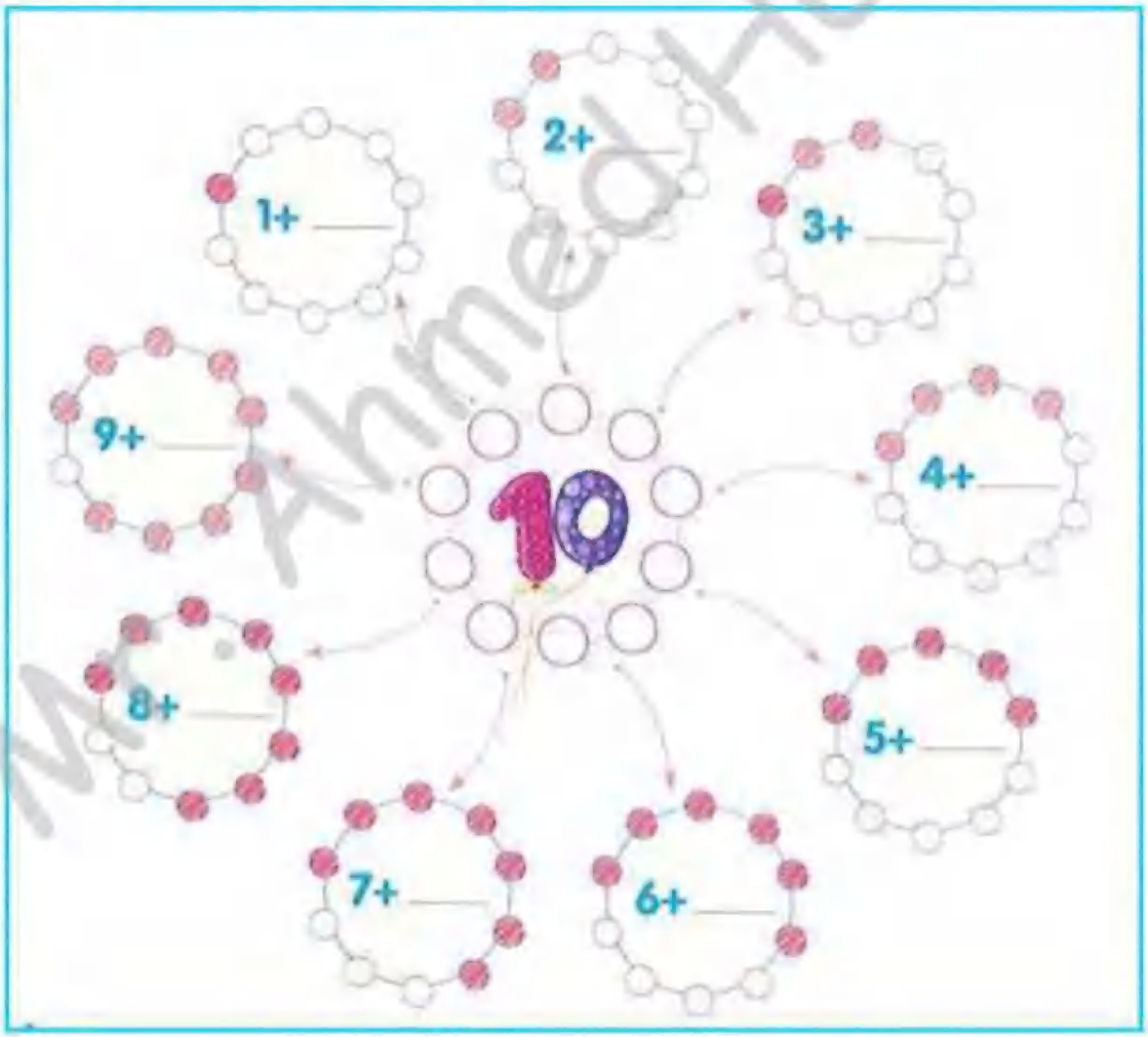


Decompose the number 8:



Decompose the number 9:

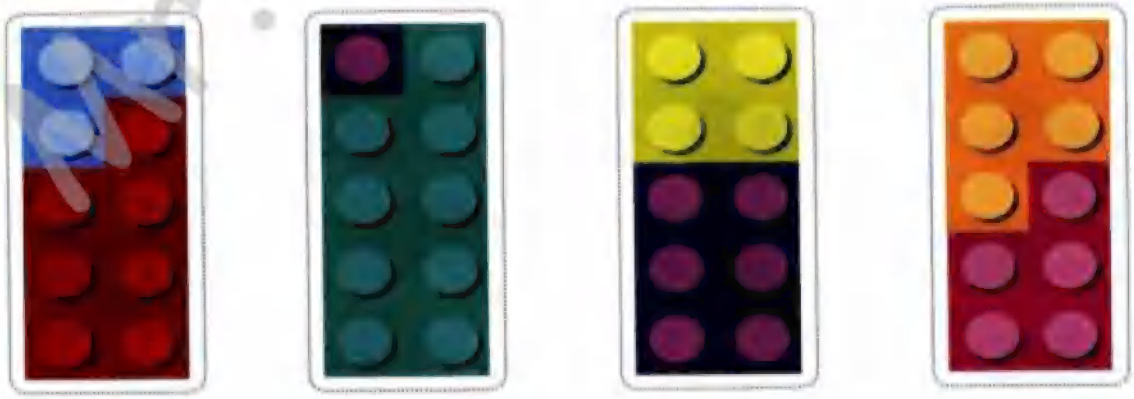
Decompose the number 10:



Observe the components of the number 10:

Complete to compose 10 as the example:

- **Complete the number sentence to compose 10 as the example:**



7 + 3 ____ + ____ ____ + ____ ____ + ____

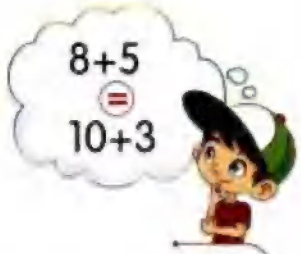
• Write the missing number to get 10:

6 Complete with the suitable number:

7 = 5 + ...	10 = 8 +.....
6 = 6 + ...	9 = 1 + ...
9 = 3 + ...	4 =..... + 3
8 = 2 + ...	2 =..... + 1
5 = 2 + ...	10 =..... + 5
9 =..... + 2	3 =..... + 2
10 =..... + 6	6 =..... + 3

Make a 10 to add

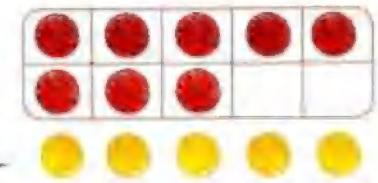
Make a 10 to add



Find the sum of 8 + 5

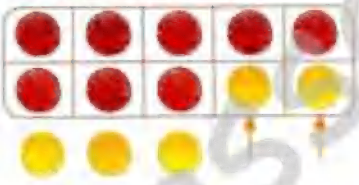
Show **8**.
Then show **5**.

$$\begin{array}{r} 8 \\ +\ 5 \\ \hline \end{array}$$



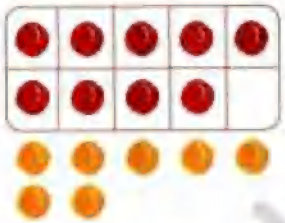
Make a ten.
8 is close to **10**
Move **2** counters into the ten frame.

$$\begin{array}{r} 10 \\ +\ 3 \\ \hline 13 \end{array}$$

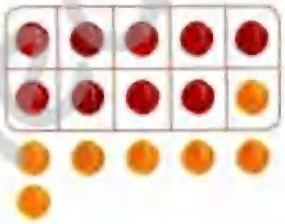


Make a ten to add.

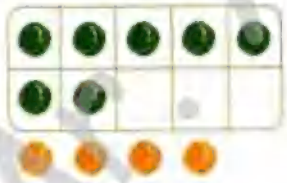
$$\begin{array}{r} 9 \\ +\ 7 \\ \hline \end{array}$$



$$\begin{array}{r} 10 \\ +\ 6 \\ \hline \end{array}$$

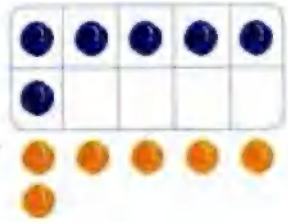


$$\begin{array}{r} 7 \\ +\ 4 \\ \hline \end{array}$$

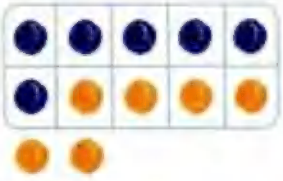


$$\begin{array}{r} 10 \\ +\ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +\ 6 \\ \hline \end{array}$$



$$\begin{array}{r} 10 \\ +\ 2 \\ \hline \end{array}$$



Draw 🔴 and 🟡 to show the number sentence. Add.

6 + 5 = ___

10 + ___ = ___

9 + 3 = ___

10 + ___ = ___

8 + 6 = ___

10 + ___ = ___

5 + 7 = ___

10 + ___ = ___

4 + 9 = ___

10 + ___ = ___

8 + 7 = ___

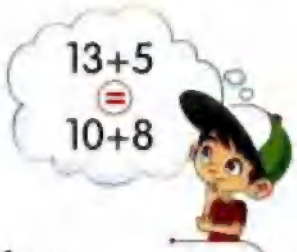
10 + ___ = ___

Hint for parents :

Your child may make a ten to add problems as (8 + 5) by two ways :

$$\begin{array}{r} 8 \\ +\ 5 \end{array} \rightarrow \begin{array}{r} {}^{10}\not{8} \\ +\ {}^{3}\not{5} \end{array} \rightarrow \begin{array}{r} 10 \\ +\ 3 \\ \hline 13 \end{array} \quad \text{Or} \quad \begin{array}{r} 8 \\ +\ 5 \end{array} \rightarrow \begin{array}{r} {}^{3}\not{8} \\ +\ {}^{10}\not{5} \end{array} \rightarrow \begin{array}{r} 3 \\ +\ 10 \\ \hline 13 \end{array}$$

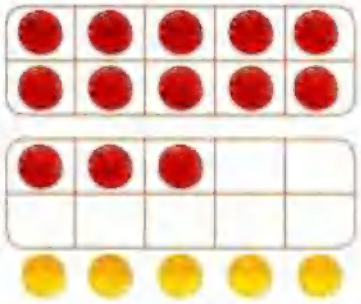
Make a ten to add



Find the sum of 13 + 5

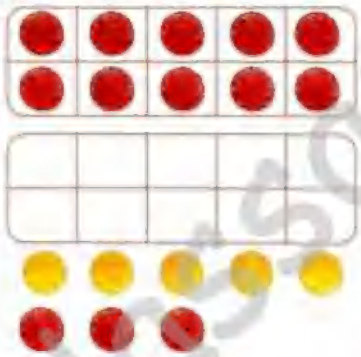
Show **13**.
Then show **5**.

$$\begin{array}{r} 13 \\ +\ 5 \\ \hline \end{array}$$



Make a ten.
Move **3** counters from the second ten frame.

$$\begin{array}{r} 10 \\ +\ 8 \\ \hline 18 \end{array}$$



Make a ten to add.

$\begin{array}{r} 15 \\ +\ 4 \\ \hline 19 \end{array}$	$\begin{array}{r} 10 \\ +\ 9 \\ \hline 19 \end{array}$	$\begin{array}{r} 16 \\ +\ 2 \\ \hline \end{array}$		$\begin{array}{r} 14 \\ +\ 3 \\ \hline \end{array}$	
$\begin{array}{r} 12 \\ +\ 4 \\ \hline \end{array}$		$\begin{array}{r} 13 \\ +\ 6 \\ \hline \end{array}$		$\begin{array}{r} 4 \\ +14 \\ \hline \end{array}$	

Complete.

10 6
12 + 4 = 16

17 + 2 =

14 + 5 =

13 + 2 =

11 + 7 =

15 + 3 =

6 + 13 =

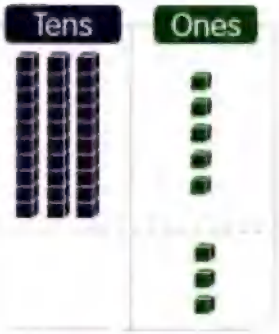
Adding 2 two-digit numbers

Adding a one-digit number to a two-digit number

Add. 35 + 3

Step 1

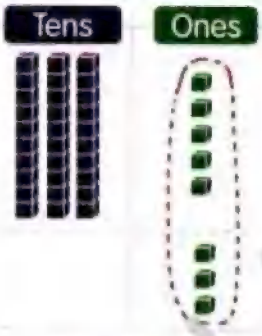
Show 35. Show 3.



tens	ones
3	5
+	3

Step 2

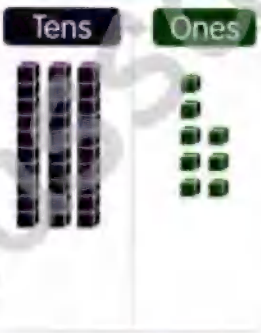
Add the ones.



tens	ones
3	5
+	3
	8

Step 3

Add the tens.



tens	ones
3	5
+	3
3	8

Add each of the following.

tens	ones
7	2
+	5

tens	ones
4	3
+	6

tens	ones
5	3
+	4

tens	ones
3	2
+	7

Adding 2 two-digit numbers

How to add 21 + 35 ?

Second

Add the tens

2 + 3 = 5

tens

	tens	ones
	2	1
+	3	5
	5	6

First

Add the ones

1 + 5 = 6

ones

Add.

46 + 31

46

\+ 31

77

25 + 42

\+

15 + 43

\+

22 + 66

\+

Add.

25 + 13 =	37 + 42 =	66 + 21 =	84 + 13 =
55 + 32 =	54 + 45 =	85 + 14 =	94 + 3 =
16 + 13 =	73 + 24 =	64 + 23 =	48 + 41 =
37 + 12 =	47 + 11 =	14 + 82 =	61 + 15 =

Subtracting 2 two-digit numbers

Subtracting 2 two-digit numbers

✿ How to subtract **57 - 32** ?

tens ones

Second
Subtract the tens
5 - 3 = 2 tens

57
- 32
25

First
Subtract the ones
7 - 2 = 5 ones

Subtract.

63-21

63
- 21
42

85-51

74-33

65-43

59-46

36-15

Subtract.

87
-44
___

94
-51
___

24
-14
___

66
-33
___

42
-21
___

63
-11
___

56
-15
___

36
-15
___

38
-23
___

79
-58
___

Art corner

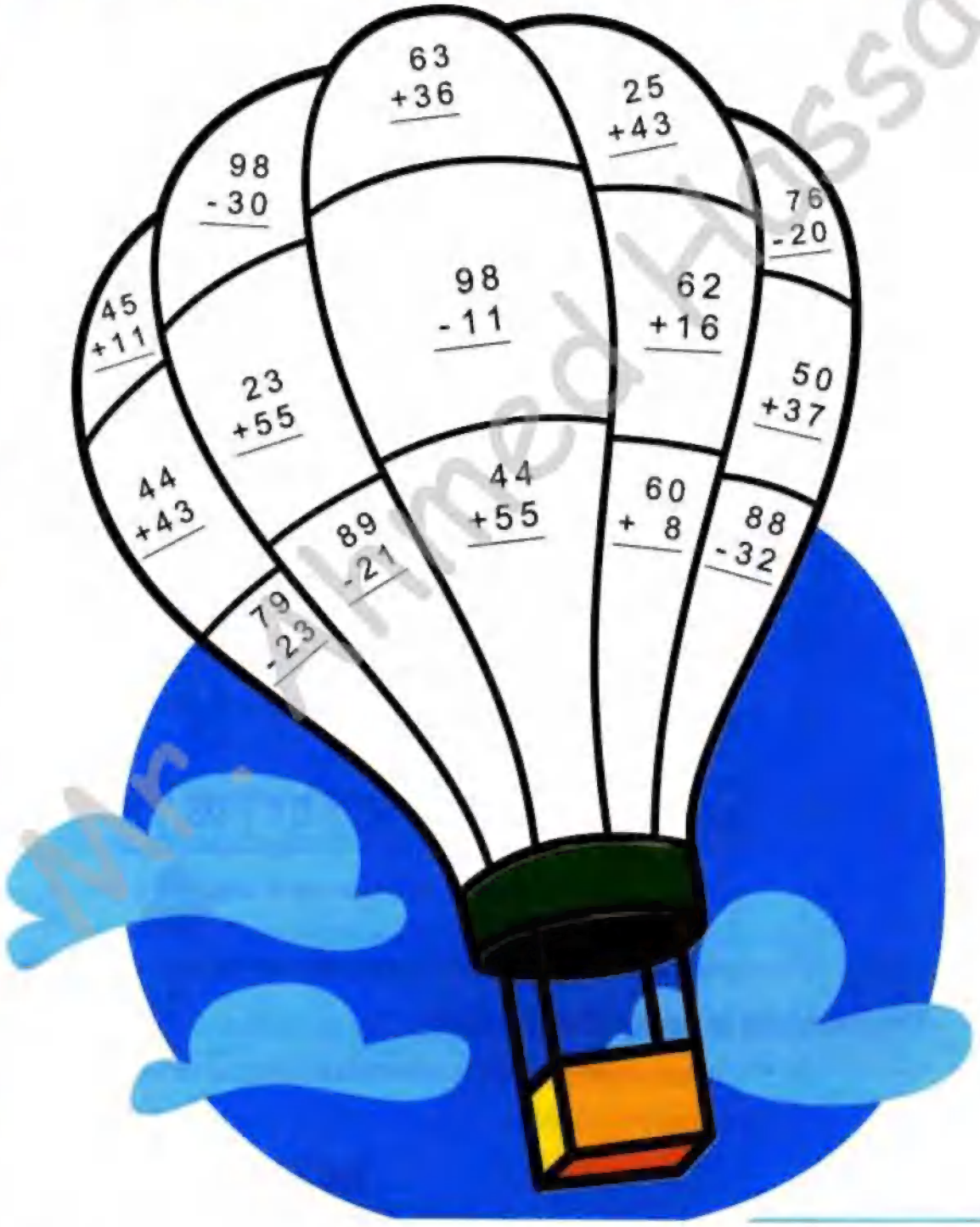
Green

Red

Orange

Yellow

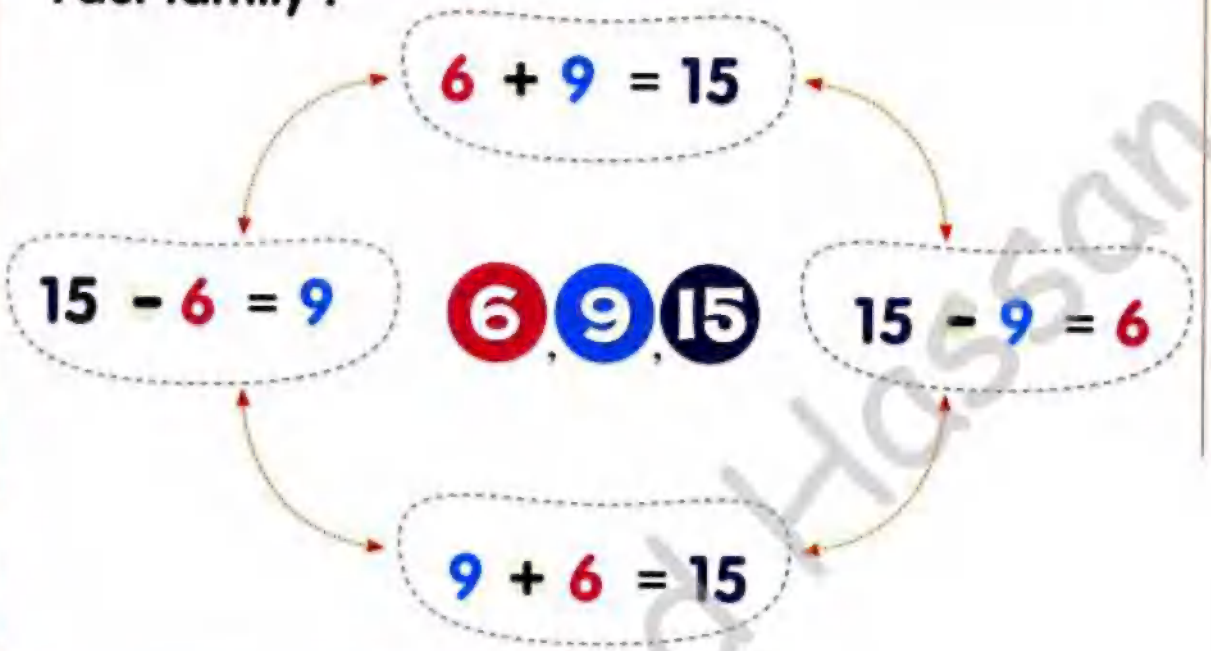
Blue



Fact Family

Relation between addition and subtraction

Fact family :



Find the missing numbers.

7-4=◯ 7-◯=4

◯+4=7 4+◯=7

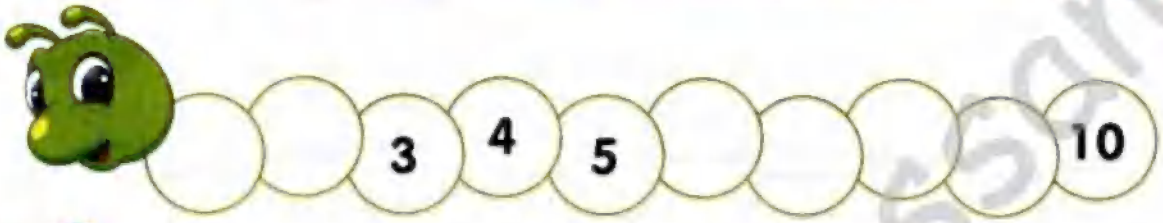
14-7=◯ 14-◯=7

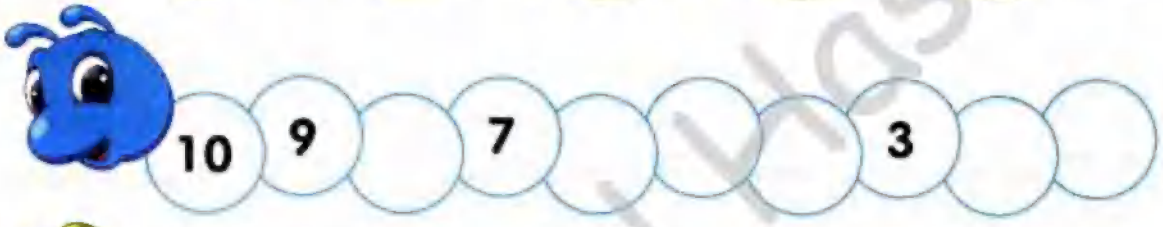
◯+7=14 7+◯=14

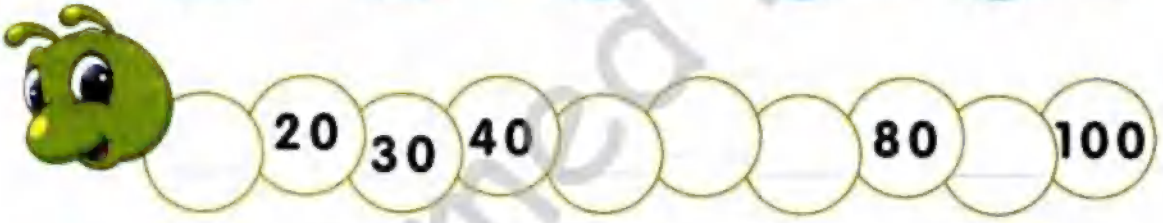
Number Sequences

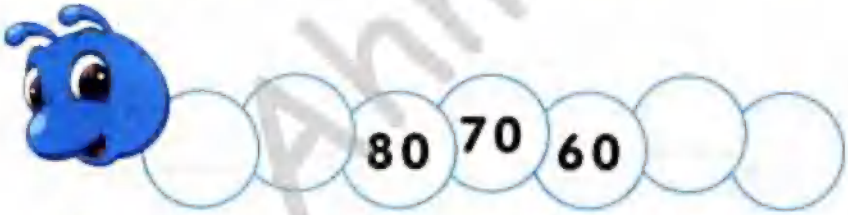
Number sequences

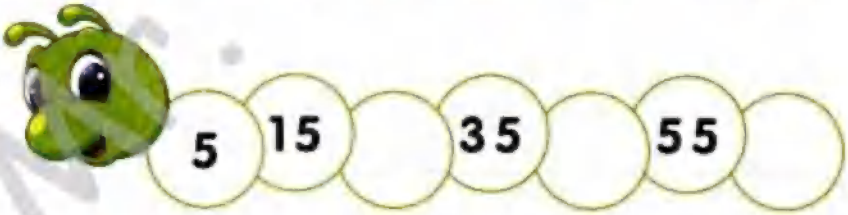
Find the missing numbers in each of the following number sequences.

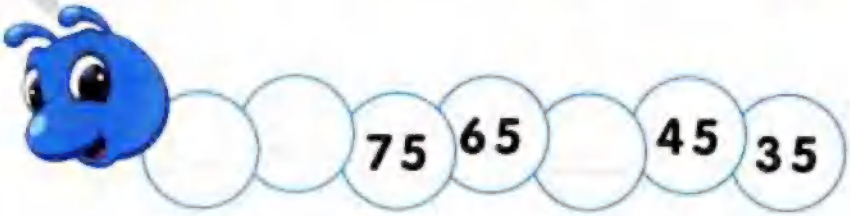




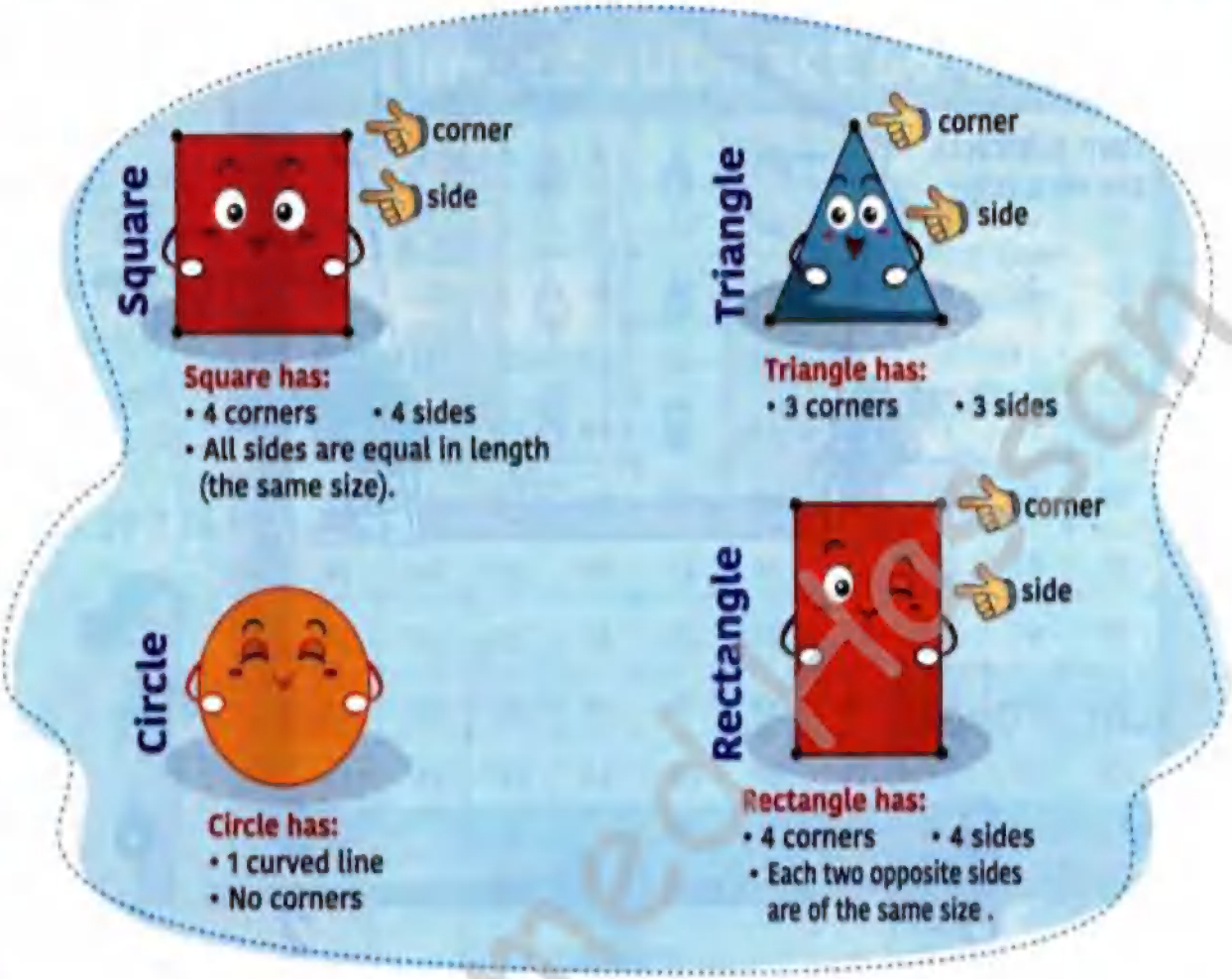








Two-dimensional shapes (2D shapes)



Look at the picture above, then circle the correct number:

- Square  has (1 , 3 , (4)) sides.
- Triangle  has (1 , 3 , 4) corners.
- Circle  has (0 , 3 , 4) corners.

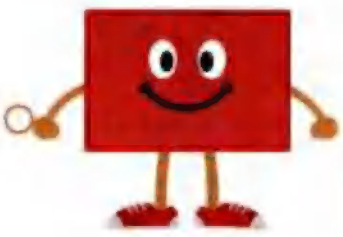
Match, what shape am I?

- I have 4 sides.
- All my sides are the same size.
- I have 4 corners.

- I have 4 sides.
- My opposite sides are the same size.
- I have 4 corners.

- I have 3 sides.
- My sides are straight.
- I have 3 corners.

- I have 1 curved line.
- I have no corners.

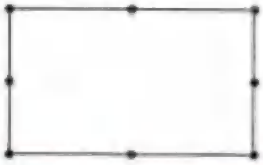


Draw shapes

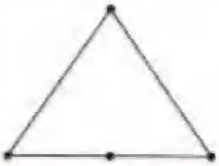
Connect dots to draw shapes.

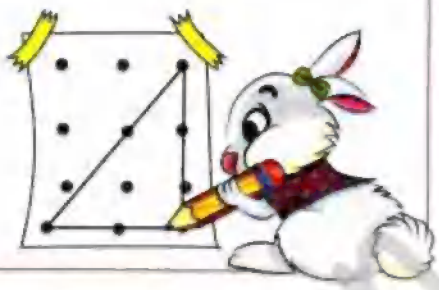
Square

Rectangle

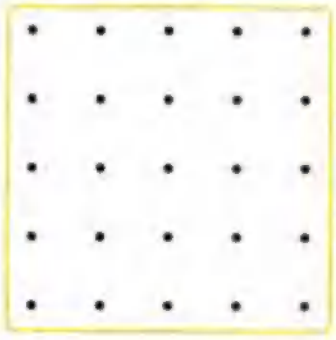


Triangle





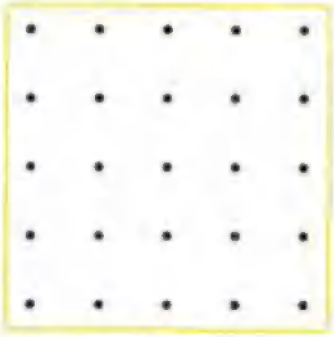
Draw a square.



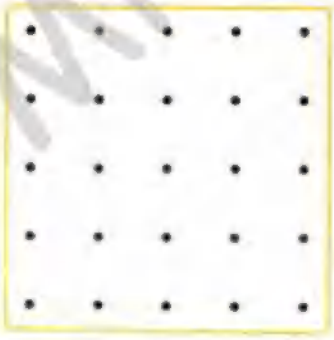
Draw a different square.

Draw a rectangle.

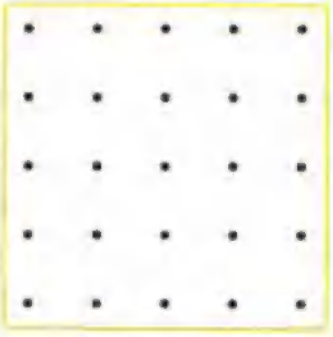
Draw a different rectangle.



Draw a triangle.

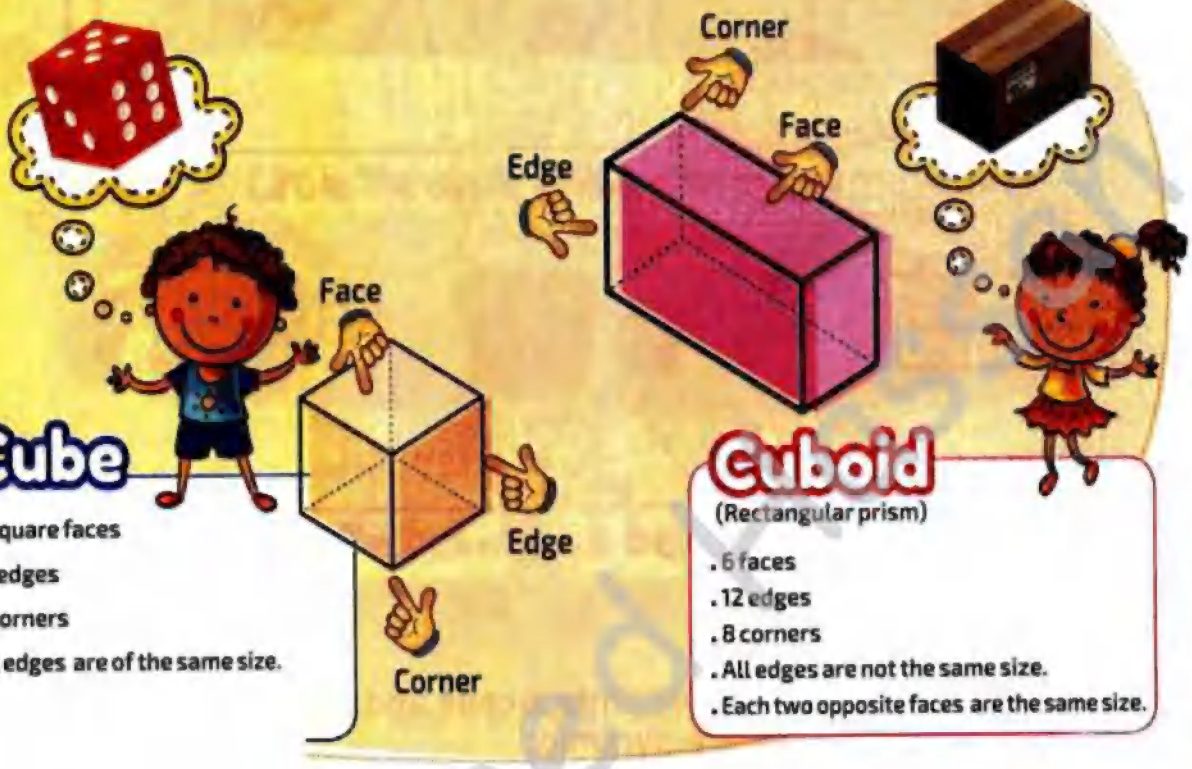


Draw a different triangle.



Three-dimensional shapes (3D shapes)

Look at the attributes of some (3D-shapes)



Cube

- 6 square faces
- 12 edges
- 8 corners
- All edges are of the same size.

Cuboid

(Rectangular prism)

- 6 faces
- 12 edges
- 8 corners
- All edges are not the same size.
- Each two opposite faces are the same size.

Activity 1

Circle each object which represents a cuboid and underline each object which represents a cube:

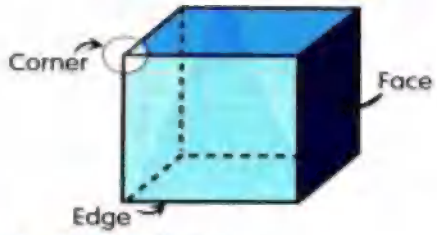
Look at the attributes of some (3D-shapes):

- **Circle the object which represents a cone and tick (✓) the object which represents a square-pyramid:**

Look at the attributes of some (3D-shapes):

- Color each sphere in blue and each cylinder in brown:

Cube



The cube has :

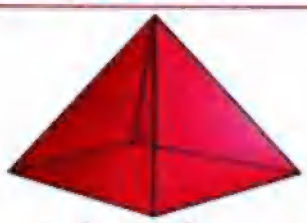
- 8 corners.
- 12 edges.
- 6 flat faces.
  - *Each face is a square.*
  - *All faces have the same size.*

Rectangular prism (Cuboid)

The rectangular prism has :

- 8 corners.
- 12 edges.
- 6 flat faces.
  - *Each face is a rectangle or a square.*
  - *Each two opposite faces have the same size.*

Square-based pyramid



The square-based pyramid has :

- 4 corners.
- a pointy top.
- 8 edges.
- 1 square flat face (base).
- 4 triangular flat faces.

Cone

The cone has :

- No corners.
- a pointy top.
- No edges.
- 1 circular flat face (base).
- 1 curved face.

Cylinder

The cylinder has :

- No corners.
- No edges.
- 2 circular flat faces (bases).
- 1 curved face.

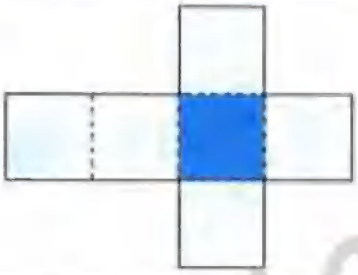
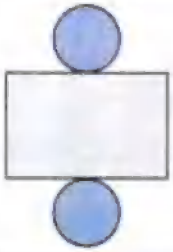
Sphere

The sphere has :

- No corners.
- No edges.
- 1 curved face.

Nets of solids

You can use cardboard and glue to make many solids, the following table shows solids and their nets :

Solid	Net of solid
Cube 	
Rectangular prism (Cuboid) 	
Square-based pyramid 	
Cone 	
Cylinder 	

Join each shape with its name.

Cone

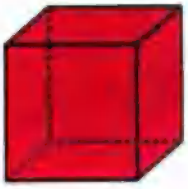
Sphere

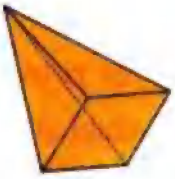
Cuboid

Cylinder

Pyramid

Cube

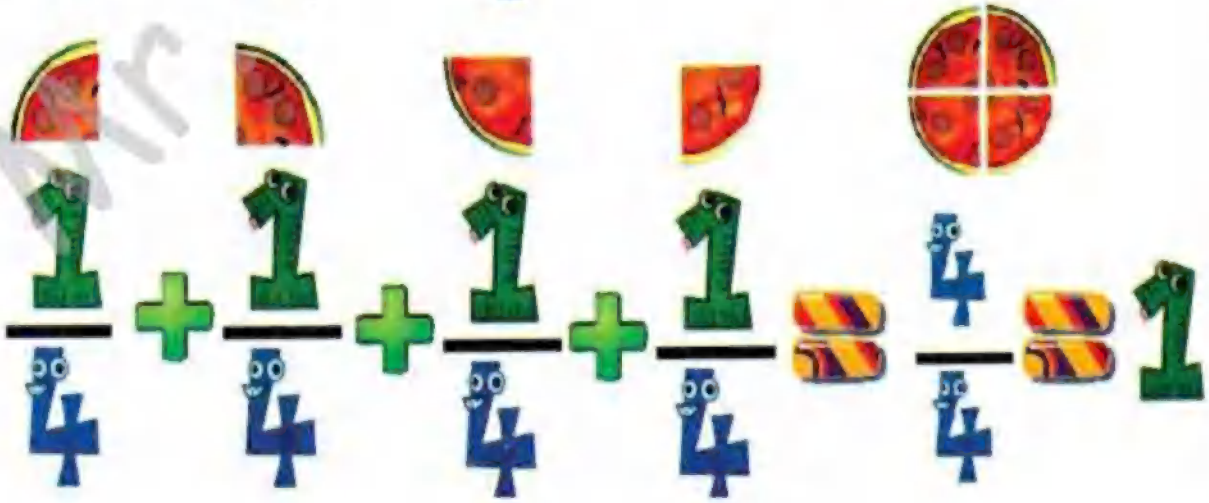




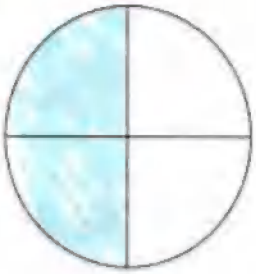
Fractions

Remember

Notes



Join according to the colored part.



quarter

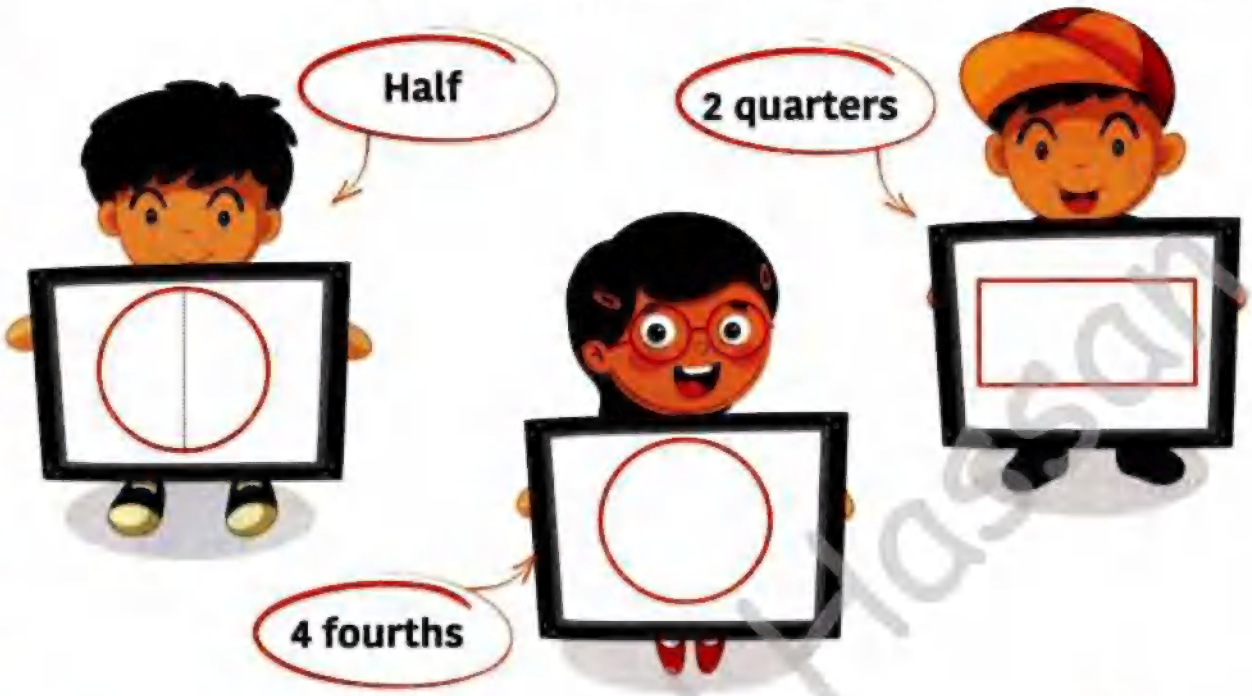
half

three quarters

Answer the following questions.

- How many quarters are in a whole one ? _____
- How many halves are in a whole one ? _____
- How many quarters are in a half ? _____

Divide each shape according to the word as the example:



I learned

- Decomposing the shapes like a circle and a rectangle in equal parts in size.


One quarter

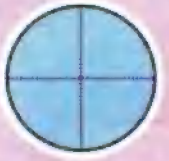

Half


One quarter


Half


Whole one

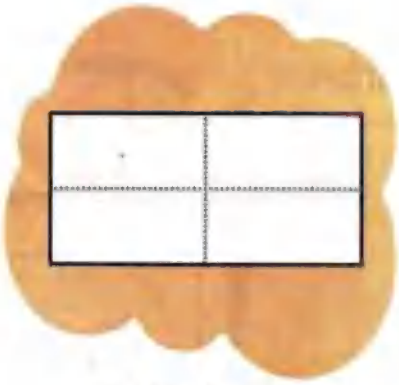

Three quarters


Whole one

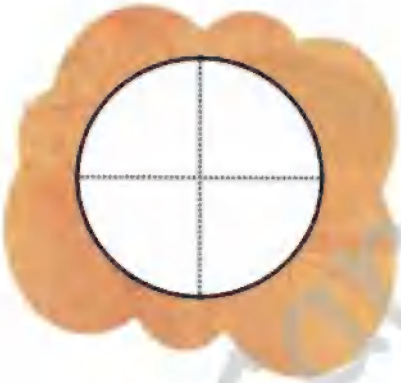

Three quarters

- One whole = 2 halves (one whole = 4 quarters)
- 1 quarter = 1 fourth
- 1 half = 2 quarters

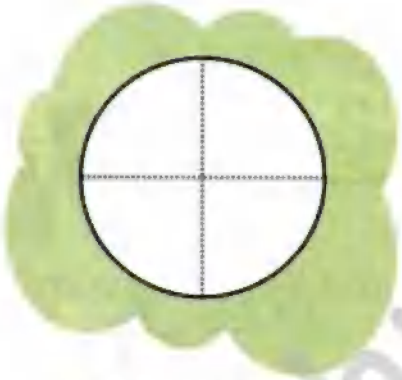
Color according to the words:



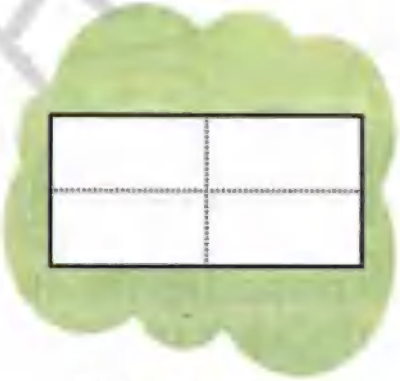
2 halves



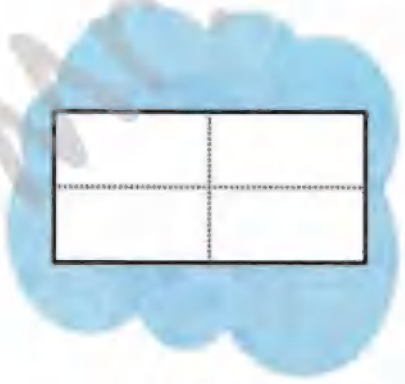
1 quarter



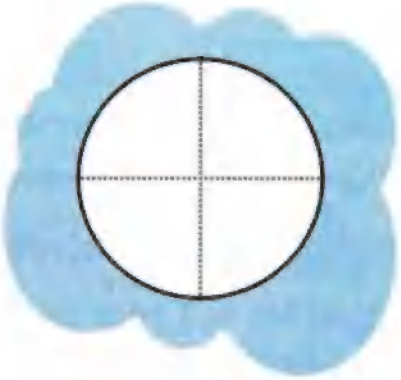
3 fourths



Whole one



Half



2 fourths

Telling time

- When the minute hand points to 12, we say **o'clock**.
- The hour hand is pointing to 8, it is **8 o'clock**.
- Every hour, the minute hand moves at a medium speed around the clock from 12 until it points to 12 again.
- The day is **24 hours**.
- If it is in the morning, we say that 8 **A.M.**
- If it is in the afternoon, we say that 8 **P.M.**

Oscar

In

Mathematics

For Primary One

(Workbook)

Prepared by

Mr / Ahmed Hassan

01276911661

Revision

Complete the numbers from 1 to 100:

1		3				7			
	12			15			18		
			24		26			29	
31		33							40
	42			45			48		
			54		56			59	
61		63							70
	72			75			78		
			84		86		88		
91		93							100

Read and trace:

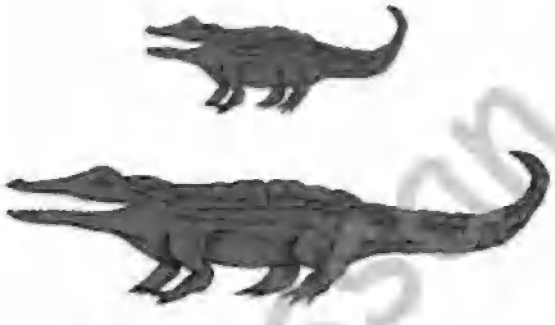
Saturday	Saturday	
Sunday	Sunday	
Monday	Monday	
Tuesday	Tuesday	
Wednesday	Wednesday	
Thursday	Thursday	
Friday	Friday	
Saturday		
Sunday		
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		

The Length

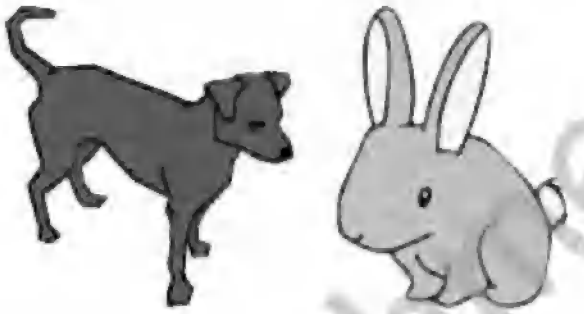
Look at the pictures in the boxes. Answer the question by circling the correct picture.

Which is longer?

Which is shorter?

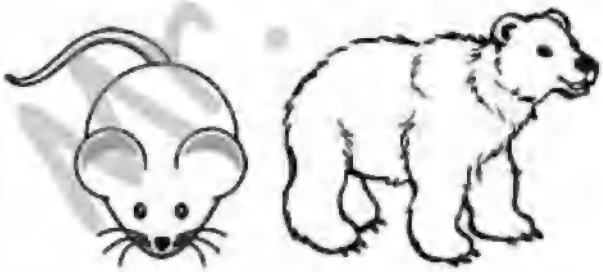


Which has shorter ears?



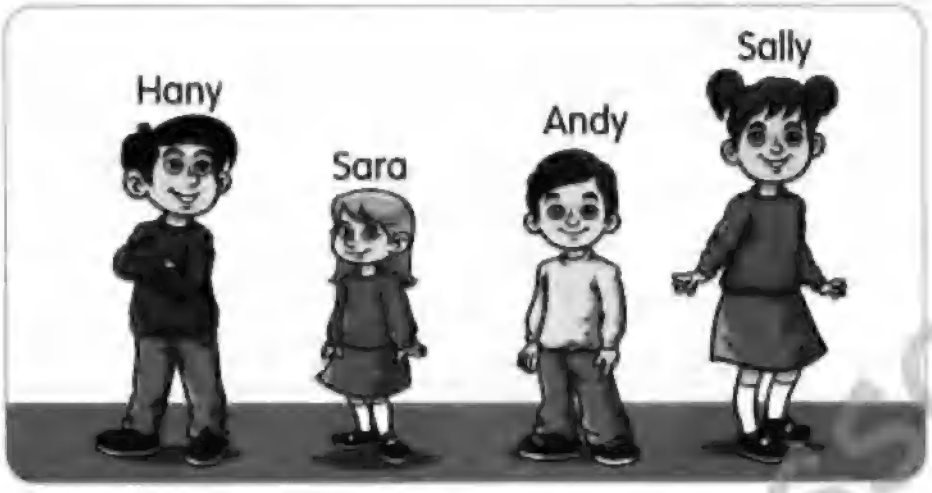
Which has longer legs?

Which has a longer tail?



Which has a longer neck?

Who is ?



- Who is the tallest ? _____
- Who is the shortest ? _____
- Who is taller than Sara and shorter than Hany ? _____

Arrange from the shortest to the longest.

D _____ _____ _____ _____

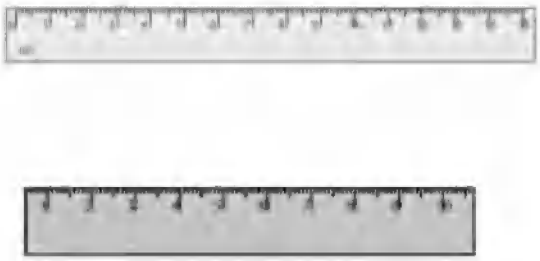
Arrange from the longest to the shortest.

E _____ _____ _____ _____

Long vs Short

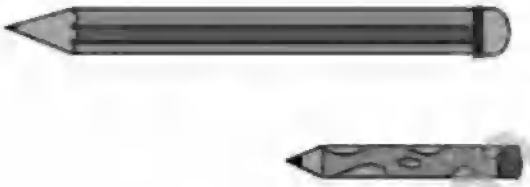
Sheet 1

1. Which is longer?

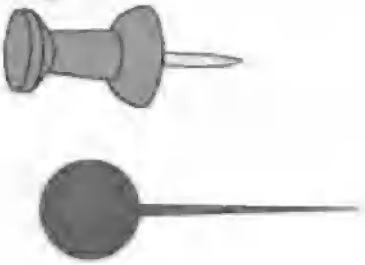


2. Which is shorter?

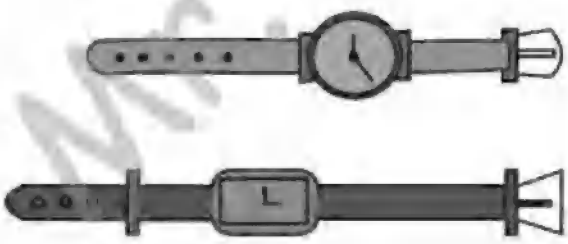
3. Which is shorter?



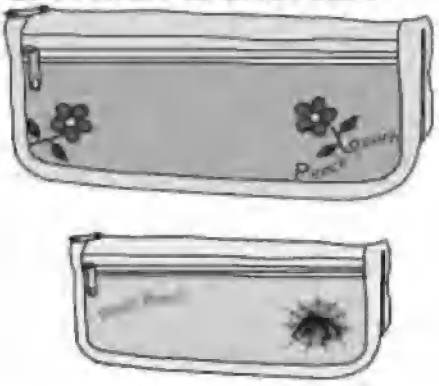
4. Which is longer?



5. Which is longer?

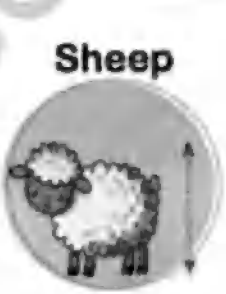


6. Which is shorter?



Look and complete:

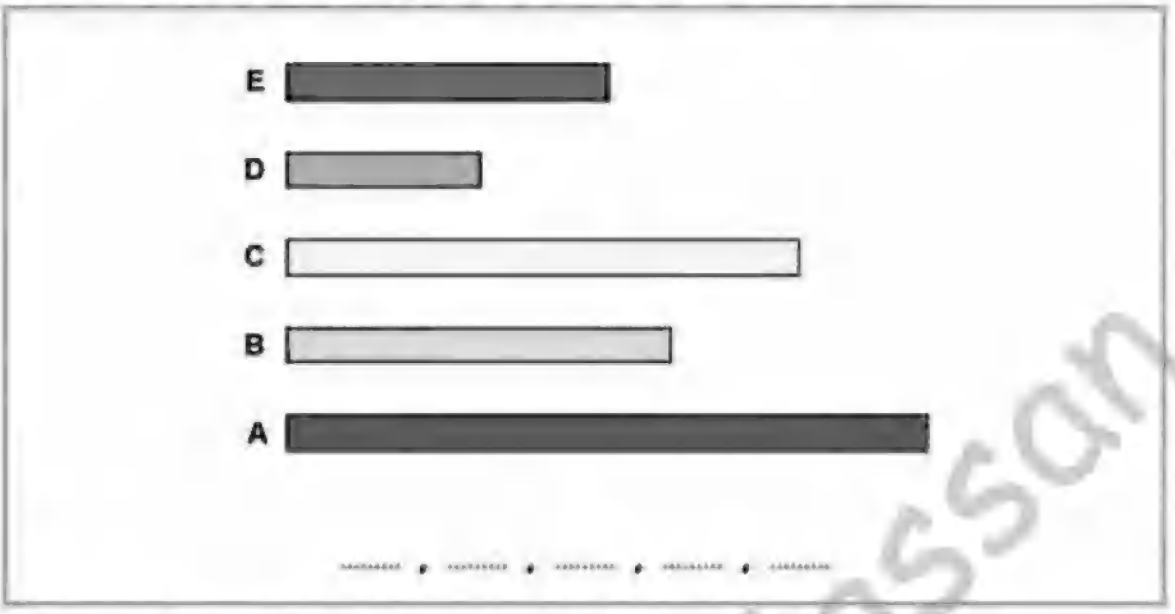
- The car is shorter than the ..... .
- The train is longer than the ..... and the ..... .
- The bus is longer than the ....., but it is shorter than the ..... .



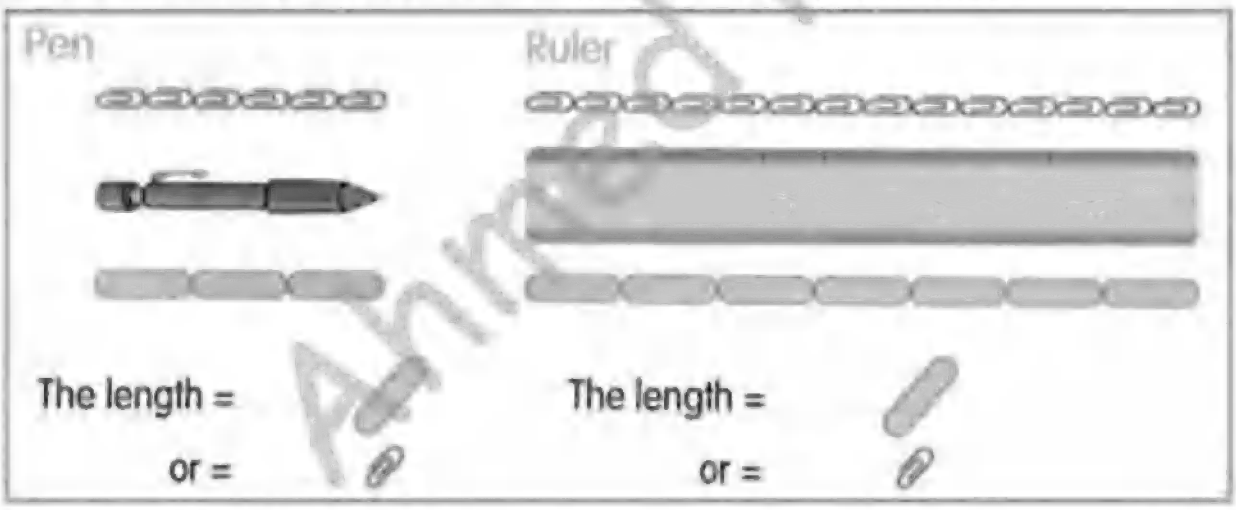
- The tallest animal is the ..... .
- The sheep is taller than the ..... , and shorter than the ..... , and the ..... .
- The order of the animals from the tallest to the shortest is:

  ....., ... , ... , and ..... .

Order from the longest to the shortest



Use as a length unit to measure the length of each item, then use as a unit to measure the same items.



[3] Complete:

(1) Hany is taller than .....

(2) Ali is shorter than .....

(3) The shortest one is .....

(4) The tallest one is .....

Arrange the children from the shortest to the tallest

Amir	Sarah	Tia	Omar	Salma	Hany
( )	( )	( )	( )	( )	( )

Complete

1) Sarah is taller than .....

2) Amir is shorter than .....

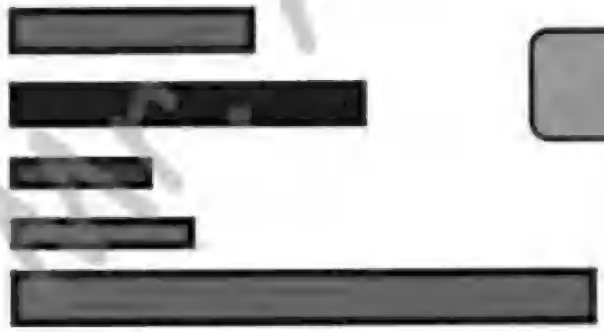
3) Salma is shorter than ..... and .....

4) Tia s taller than ....., and .....

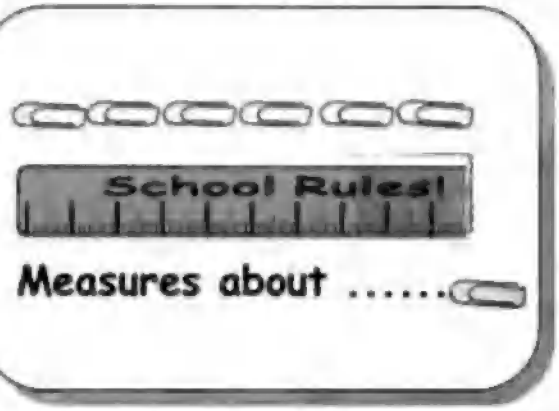
5) The shortest child is .....

6) The tallest child is .....

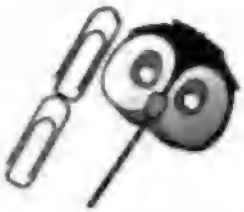
Order from the longest to the shortest



Measure the length of the following objects by using as unit



Measures about .....

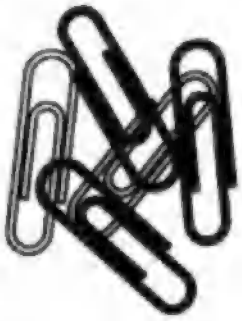


Measures about.....

Measures about .....

Measures about .....

Measures about .....



Relative Positions

➥ Color the object that is inside in red and the object that is outside in yellow:

➥ Draw ☐ around the child on the right:

➥ Color the animal on the left:

➥ Color the animal behind the farmer in green:

➥ Underline the correct answer:

1) The boy is (behind - in front of) the tree.

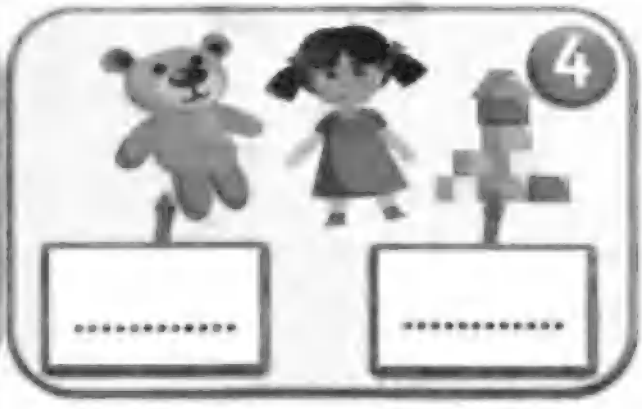
2) The girl is (behind - in front of) the tree.

➥ Circle what is above the and draw a square around what is below the :

(up - down)

1 Complete with:

(on the right - on the left - in - out - above - below - in front of - behind - up - down)



Ordinal Numbers

Write each person's position in the queue.

_____

_____

_____

_____

1st _____

_____

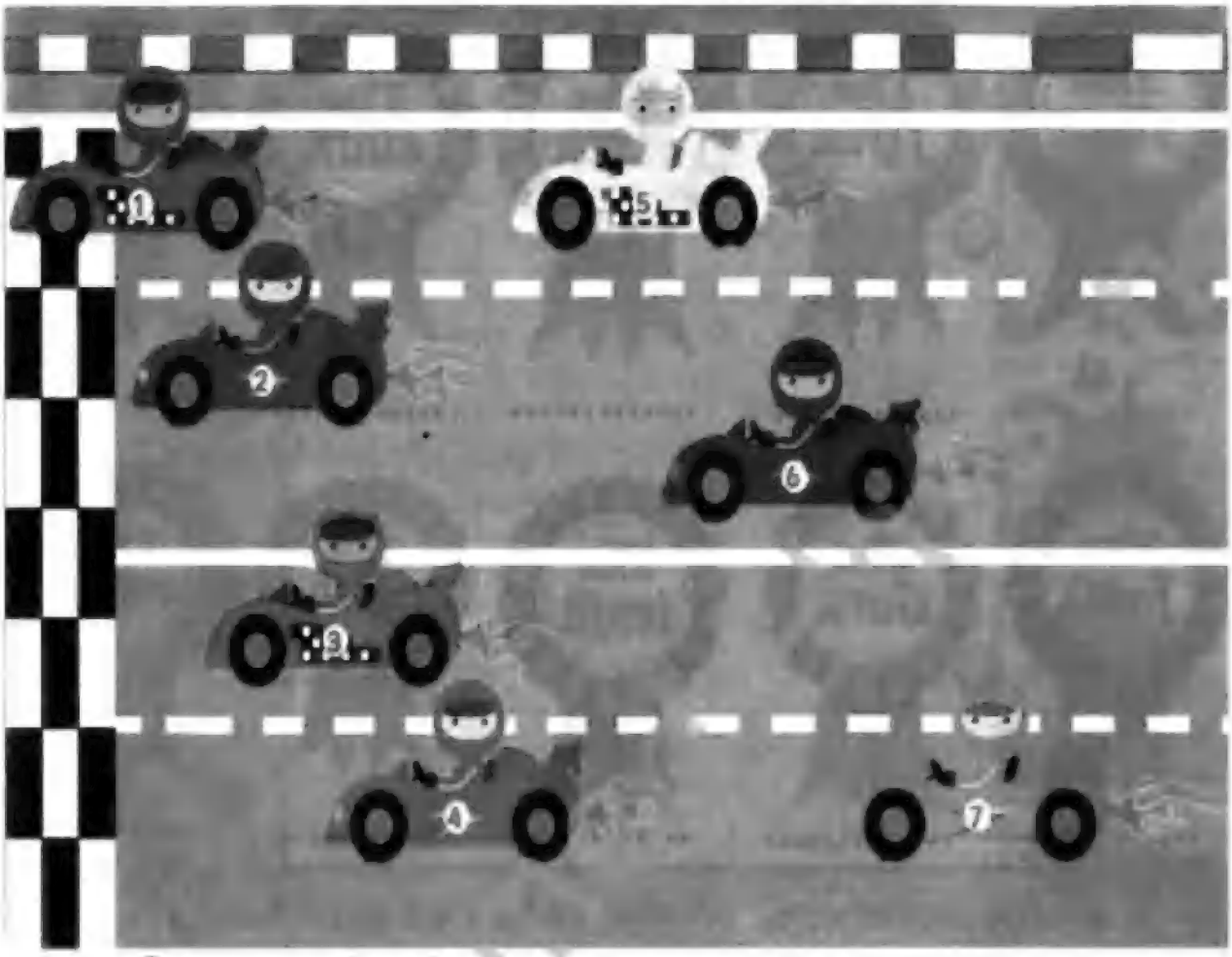
_____

_____

_____

_____

4 Look at the picture and complete:



6th .....

.....

.....

.....

.....

.....

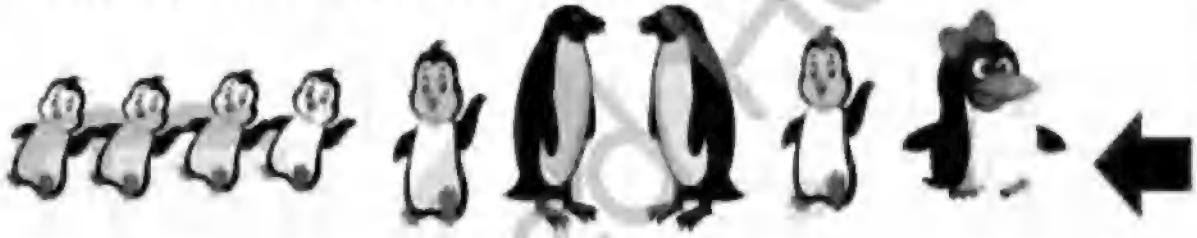
.....

Underline the Forth

Write the correct order and circle the Sixth.

....

Circle the forth and underline the Eighth.



Color the Seventh red and color the Second blue.

Color the Ninth orange and the Third purple.

One More * One Less

1 Complete:

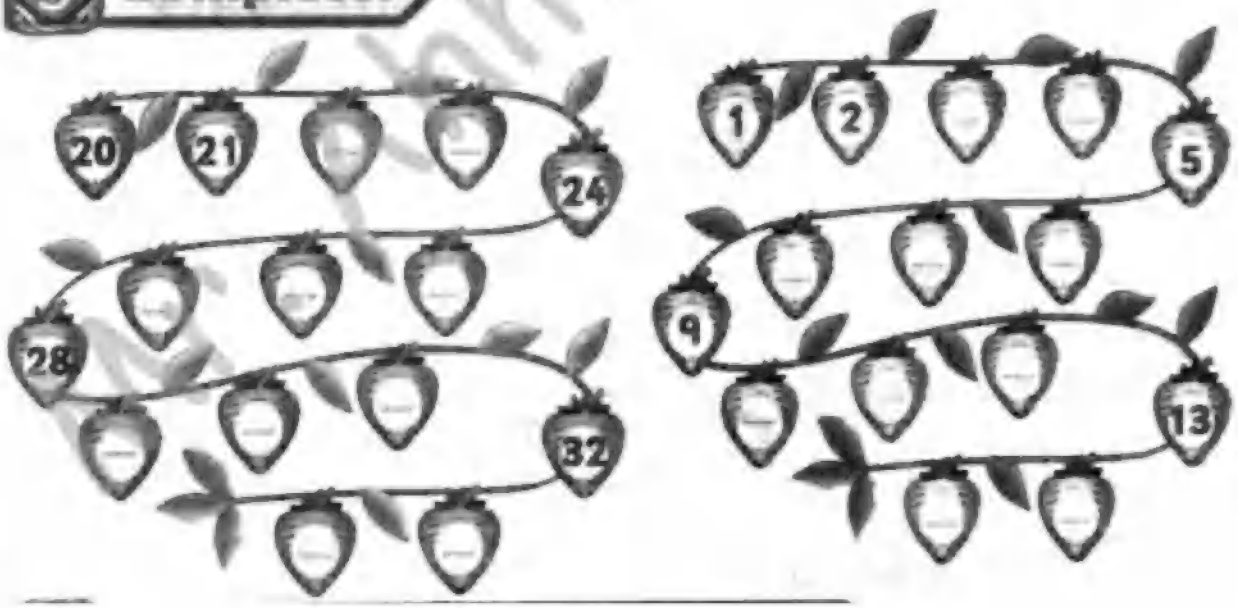
2 Complete:

3 Complete as the example:

4 Complete:

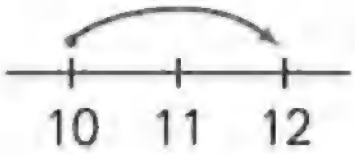
One less	Number	One more
4	5	6
.....	7	.....
.....	12	.....
.....	15	.....
17	.....	.....
.....	.....	39
.....	20	.....
.....	.....	47

5 Complete:

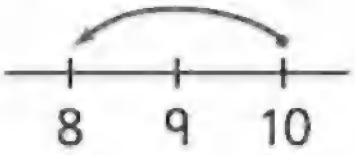


Two more, two less

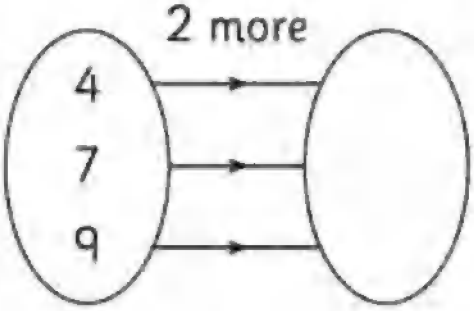
$10 + 2 = 12$

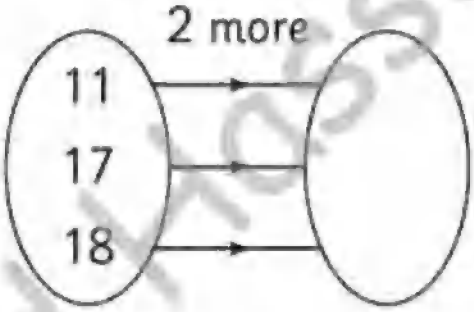


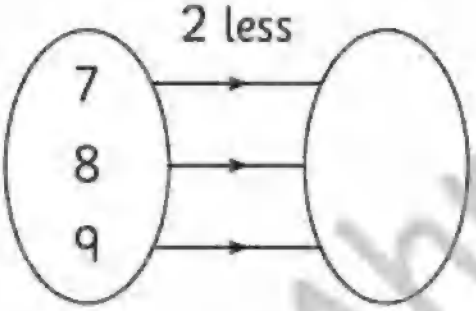
$10 - 2 = 8$

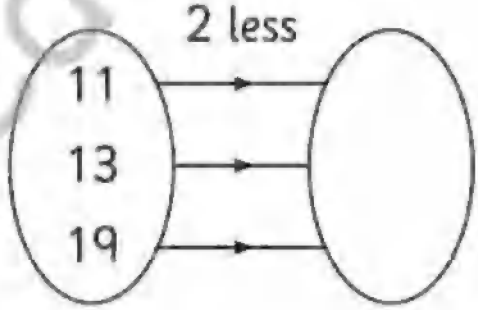


Write the numbers.

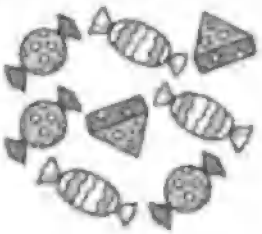








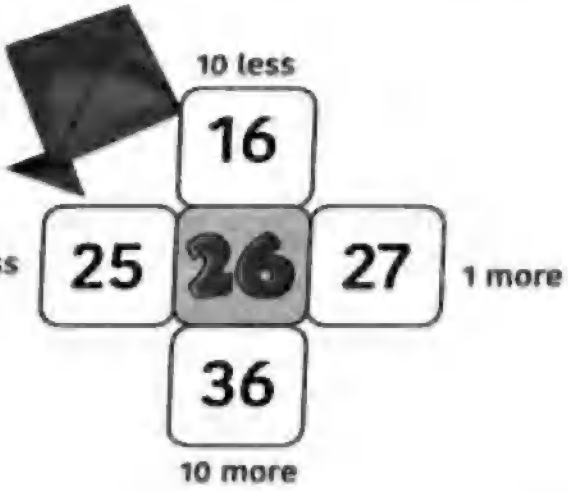
Nick has 8 sweets. Pete has 2 more.
How many does Pete have? _____

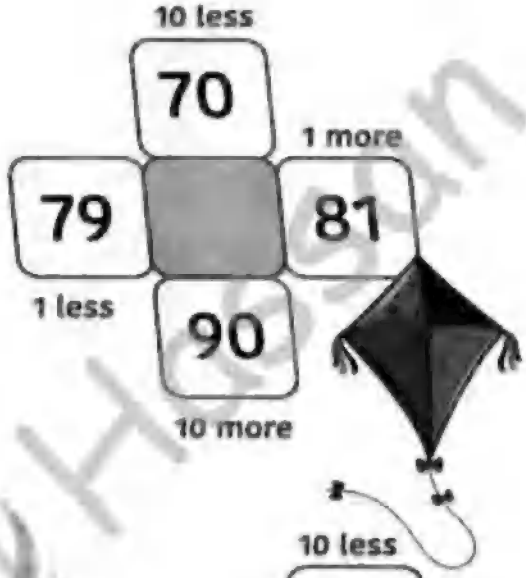


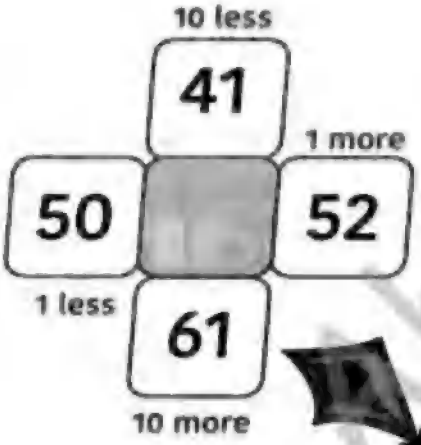
Maria has 9 stickers. Sonja has 2 less.
How many does Sonja have? _____

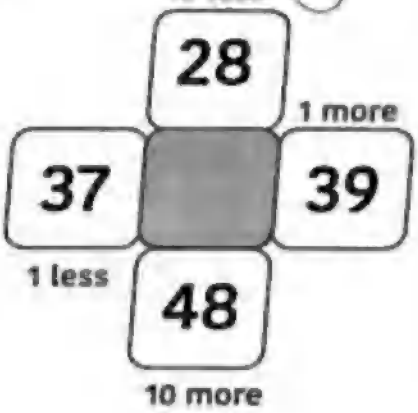
Ten More * Ten Less

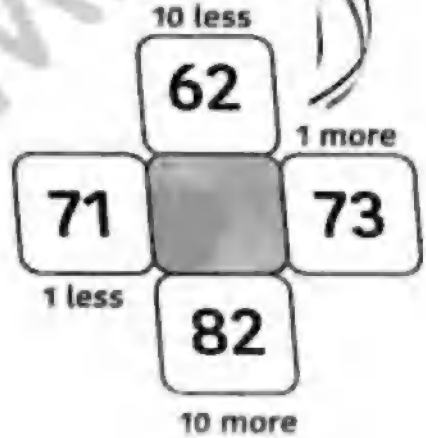
- **Complete with the middle number as the example:**

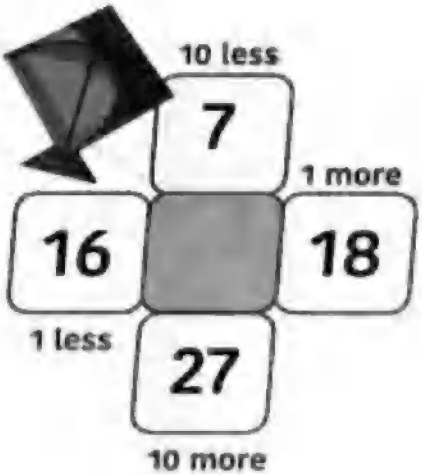




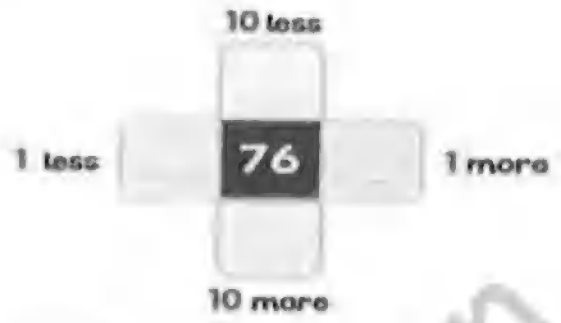


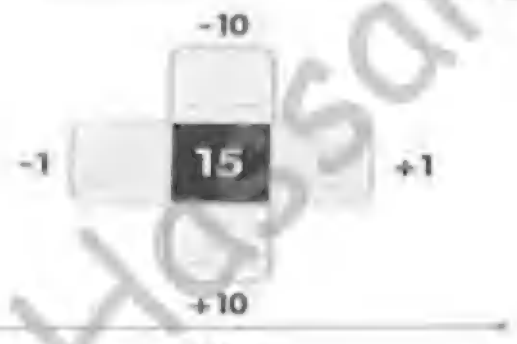


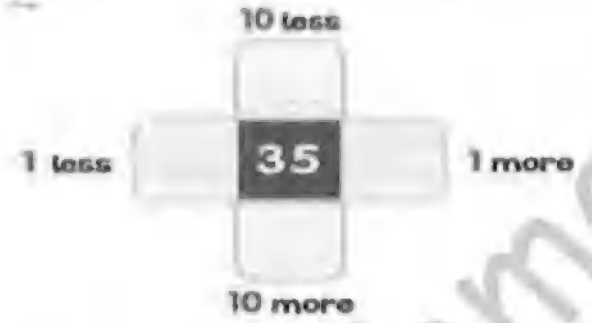


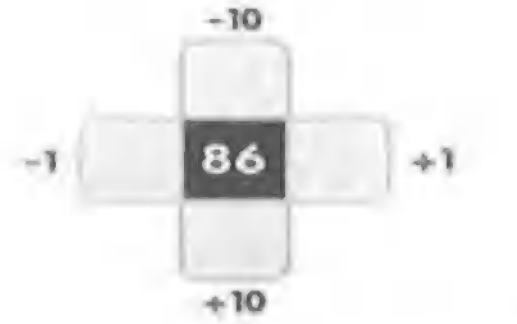


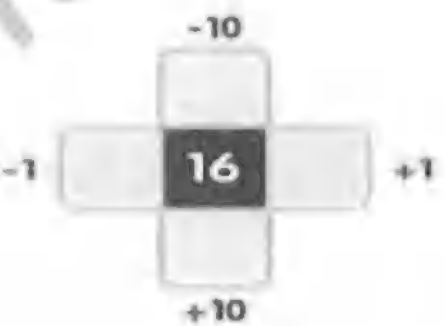
Write the numbers.

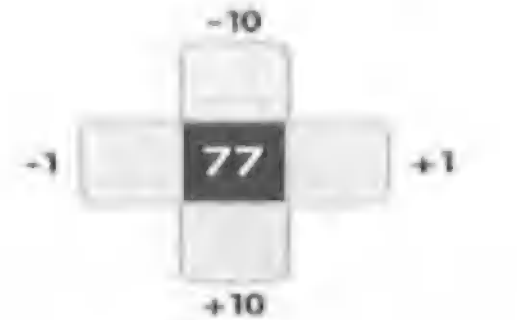












Write the suitable numbers.

42 —One more→ ____

____ ←One less— 34

77 —One more→ ____

____ ←One less— 25

25		18	
↓ 10 more	↑ 10 less	↓ 10 more	↑ 10 less
____	72	____	54

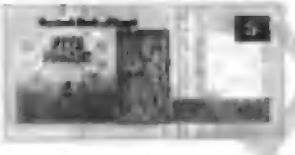
Money

Write the amount of money:

a  

L.E. .....

b  

L.E. .....

c 

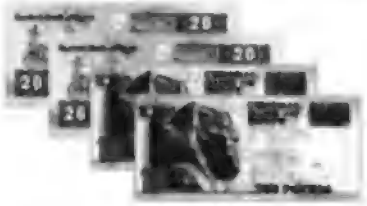
L.E. .....

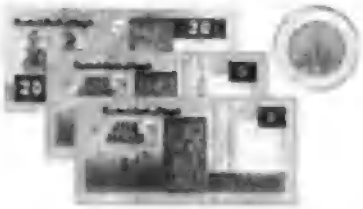
d  

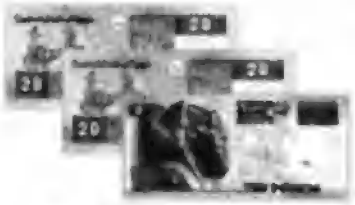
  

L.E. .....

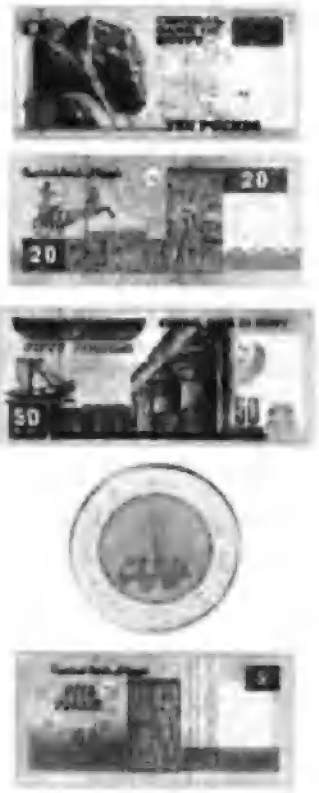
Put the suitable sign (> , < or =):

a  ☐ 

b  ☐ 

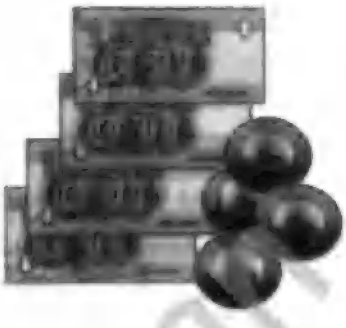
c  ☐ 

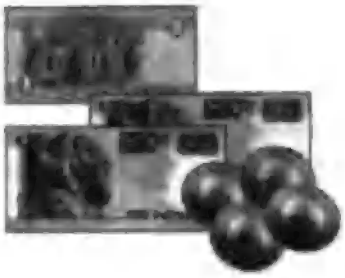
Match the object with its price:

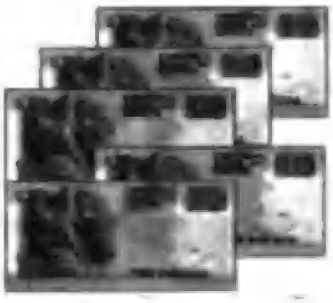


4 Circle the notes and coins to get the given price:

5 Match to the suitable price:







Tens & Ones

Write the place value of the digit 5 in the following numbers.

53	52	65	51
tens			

35	5	54	75

Circle the value of the blue digits.

73	**57**	**38**	**86**
(3) or 30	5 or 50	8 or 80	6 or 60
78	**19**	**83**	**17**
7 or 70	9 or 90	8 or 80	1 or 10
62	**98**	**45**	**37**
6 or 60	9 or 90	5 or 50	7 or 70

Complete as in the example.

- In 52 the digit 5 is in the tens place. Its value is 50
- In 36 the digit 3 is in the ____ place. Its value is ____
- In 63 the digit 3 is in the ____ place. Its value is ____
- In 12 the digit 2 is in the ____ place. Its value is ____
- In 21 the digit 2 is in the ____ place. Its value is ____

Complete the following table.

The number	72	34	95	66	80
The value of the digit in the ones place	2				
The value of the digit in the tens place	70				

Complete:

5 tens + 2 ones = ☐☐ 7 tens + 4 ones = ☐☐

8 tens + 4 ones = ☐☐ 1 tens + 6 ones = ☐☐

2 tens + 7 ones = ☐☐ 9 tens + 4 ones = ☐☐

8 ones + 9 tens = ☐☐ 8 ones + 5 tens = ☐☐

2 ones + 9 tens = ☐☐ 4 ones + 3 tens = ☐☐

6 ones + 5 tens = ☐☐ 6 ones + 3 tens = ☐☐

☐ tens + ☐ ones = 98 ☐ ones + ☐ Tens = 64

☐ tens + ☐ ones = 54 ☐ ones + ☐ Tens = 40

☐ tens + ☐ ones = 72 ☐ ones + ☐ Tens = 89

☐ tens + ☐ ones = 87 ☐ ones + ☐ Tens = 37

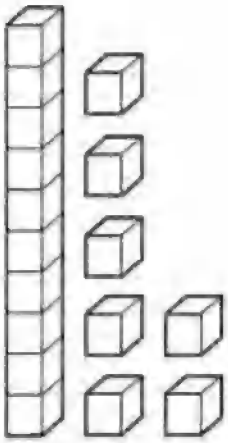
Complete :

85 = ... + ... Fifty six = ... + ... = ...

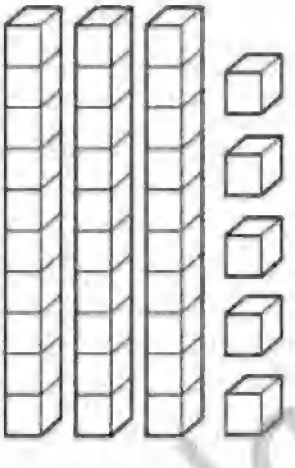
16 = ... + ... Twenty two = ... + ... = ...

37 = ... + ... Forty eight = ... + ... = ...

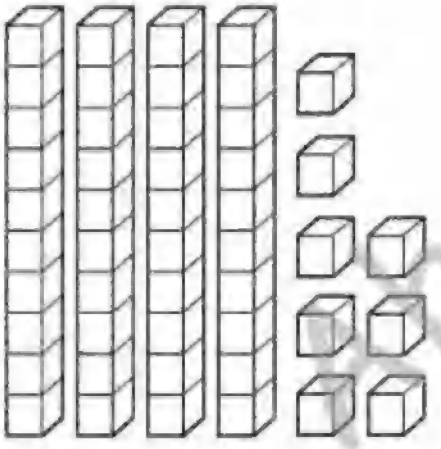
Count the tens. Count the ones.
Write the number.



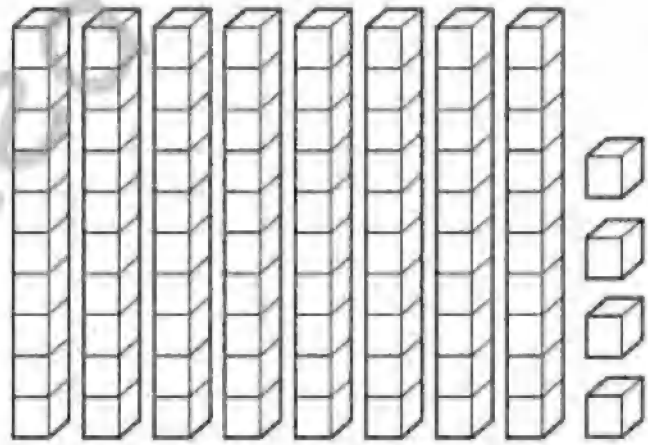
tens ☐ ones ☐



tens ☐ ones ☐



tens ☐ ones ☐



tens ☐ ones ☐

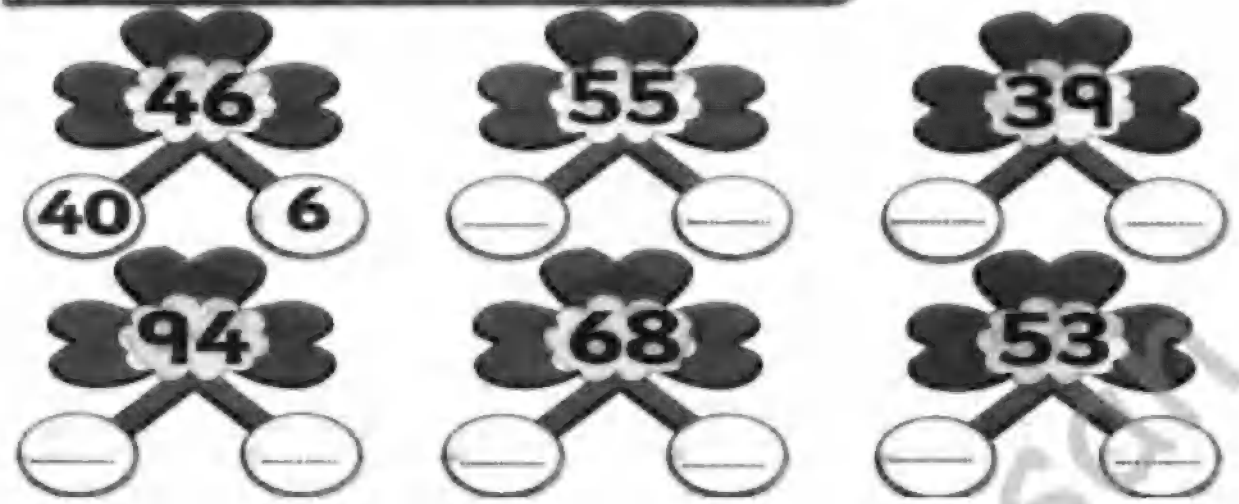
How many tens and ones?

23 = __ tens + __ ones 39 = __ tens + __ ones

55 = __ tens + __ ones 60 = __ tens + __ ones

74 = __ tens + __ ones 100 = __ tens + __ ones

2 Write the value of each digit:



3 Write the number:

Tens	Ones	
5	4	54

Tens	Ones	
6	3	.....

Tens	Ones	
7	2	.....

Tens	Ones	
4	3	.....

Tens	Ones	
6	5	.....

Tens	Ones	
7	0	.....

4 Write the tens and ones:

	Tens	Ones	
54	.....	.....	

	Tens	Ones	
40	.....	.....	

	Tens	Ones	
25	.....	.....	

	Tens	Ones	
6	.....	.....	

	Tens	Ones	
67	.....	.....	

	Tens	Ones	
96	.....	.....	

5 Complete:

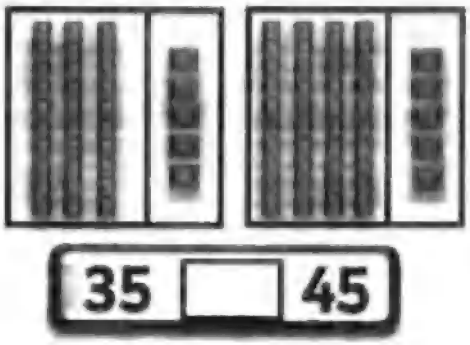
43 = 4 tens , 3 ones	6 tens , 3 ones = 63
56 = ... tens, ... ones	7 tens , 9 ones = ...
74 = ... tens, ... ones	8 tens , 8 ones = ...
60 = ... tens, ... ones	4 tens , 0 ones = ...
7 = ... tens, ... ones	0 tens , 6 ones = ...

6 Complete:

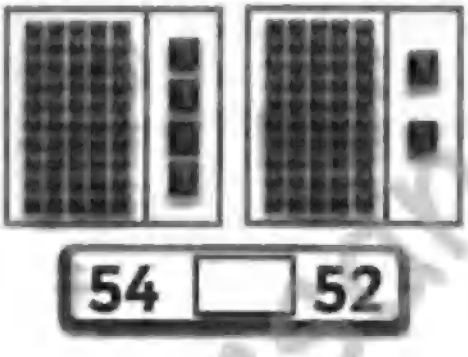
	The place value	The value
35	Tens	30
65	.....	.....
76	.....	.....
79	.....	.....
90	.....	.....
17	.....	.....
78	.....	.....
83	.....	.....
50	.....	.....

Comparing & Ordering Numbers

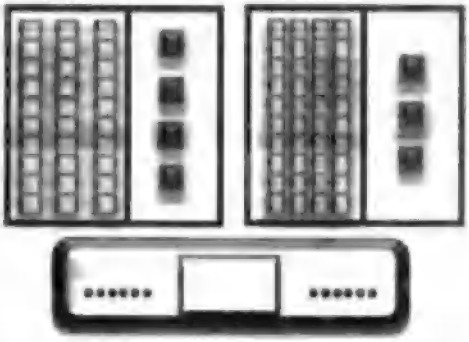
1 Compare using (<, > or =):



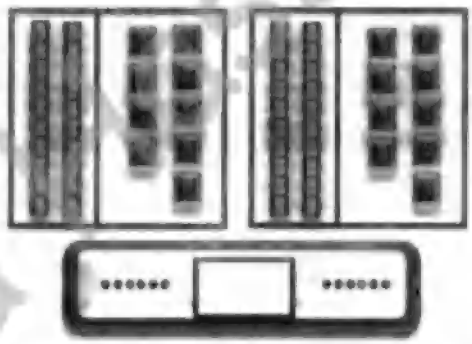
35 ☐ 45



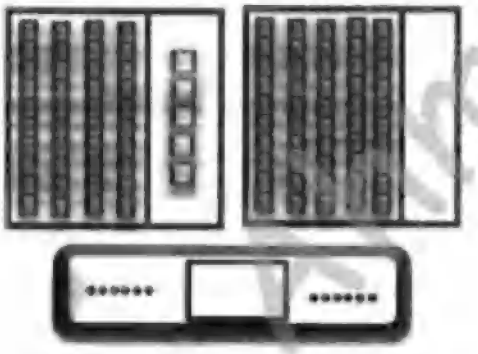
54 ☐ 52



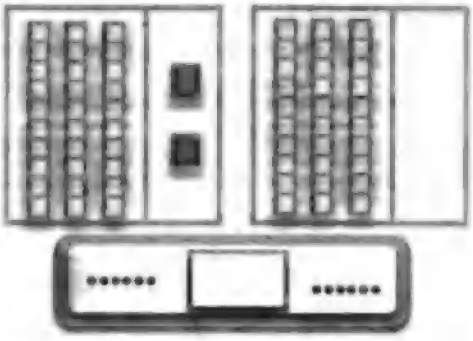
..... ☐ .....



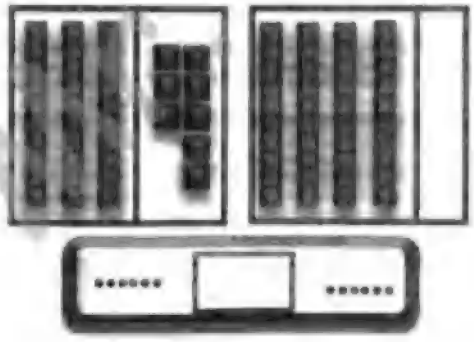
..... ☐ .....



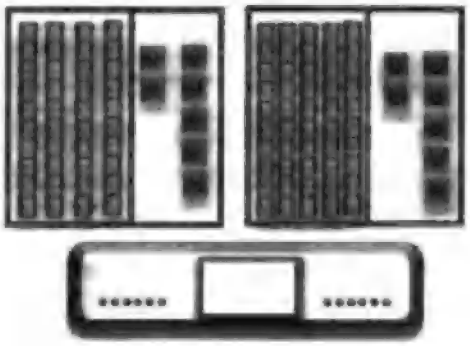
..... ☐ .....



..... ☐ .....



..... ☐ .....



..... ☐ .....

2 Compare using (>, < or =):

43 ☐ 52	53 ☐ 32
62 ☐ 43	29 ☐ 30
79 ☐ 69	44 ☐ 49
32 ☐ 23	19 ☐ 90
44 ☐ 44	58 ☐ 85

3 Compare using (>, < or =):

37 ☐ 30+7	6 tens, 4 ones ☐ 46
43 ☐ 40+6	6 tens ☐ 4 tens, 8 ones
50+5 ☐ 15	8 tens, 9 ones ☐ 88
30+3 ☐ 33	5 tens, 3 ones ☐ 35
70+8 ☐ 80+7	7 ones ☐ 2 tens

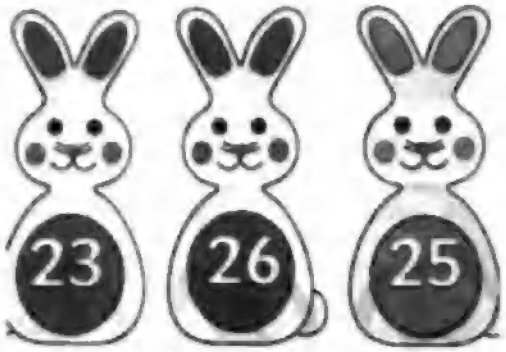
4 Choose the correct answer:

61 >	(62 – 59 – 73 – 82)
76 <	(75 – 90 – 59 – 63)
99 = ...	(98 – 76 – 100 – 90 + 9)
..... < 63	(63 – 79 – 64 – 52)
..... > 60	(5 tens – 7 ones – 7 tens – 30)

5 Complete:

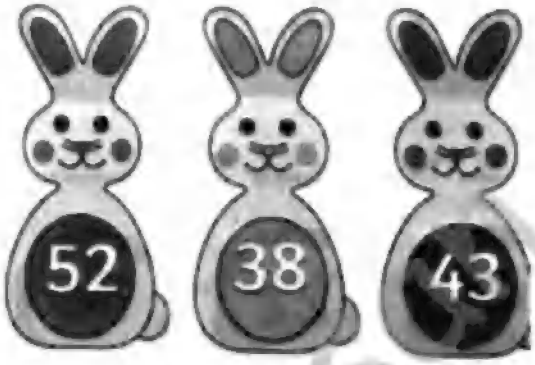
..... is less than 57	53 is greater than .....
..... is equal to 29	25 is less than .....
..... is greater than 30	30 is less than .....
..... is equal to 41	40 + 4 is equal to .....
..... is less than 18	3tens, 2ones is less than .....
..... is equal to 30 + 2	24 is less than .....

2 Write the numbers in the correct order:



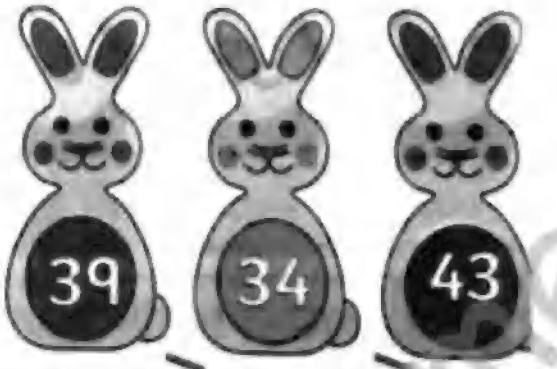
26 > 25 > 23

greatest least



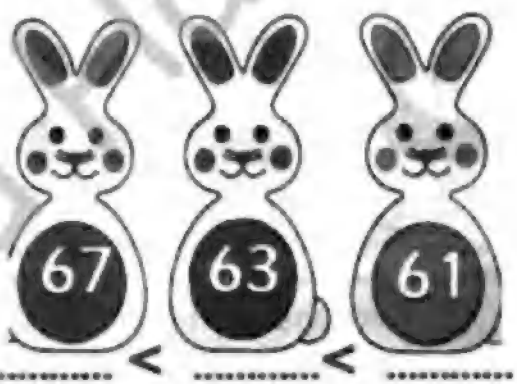
..... > ..... > .....

greatest least



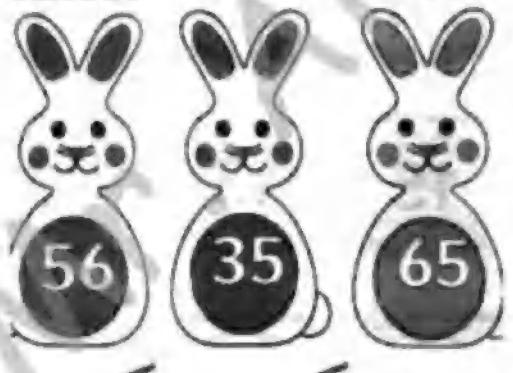
..... > ..... > .....

greatest least



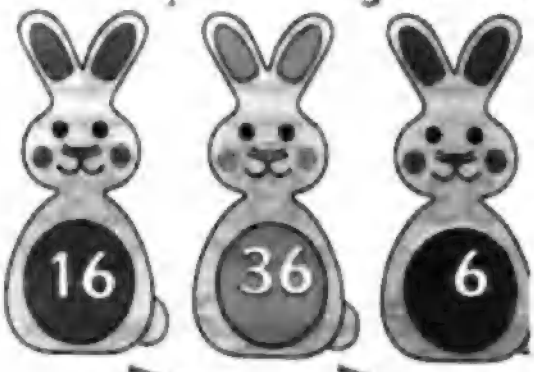
..... < ..... < .....

least greatest



..... < ..... < .....

least greatest



..... > ..... > .....

greatest least

3 Write the numbers in order from the least to the greatest:

..... < ..... < .....

..... < ..... < .....

..... < ..... < .....

..... < ..... < .....

..... < ..... < .....

..... < ..... < .....

4 Write the numbers in order from the greatest to the least:

..... > ..... > .....

..... > ..... > .....

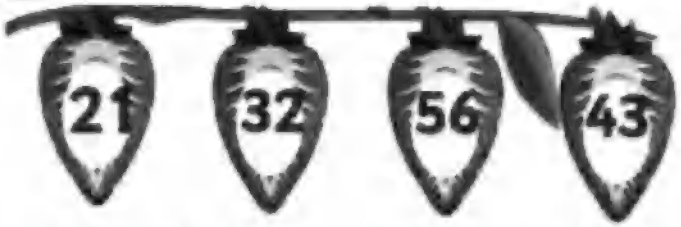
..... > ..... > .....

..... > ..... > .....

..... > ..... > .....

..... > ..... > .....

5 Write the numbers in an ascending order:



..... , ... , ... , ...

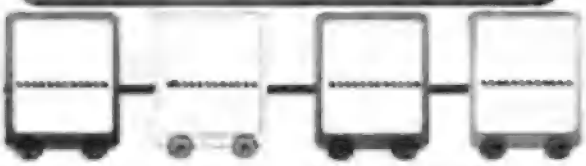
..... , ... , ... , ...

..... , ... , ... , ...

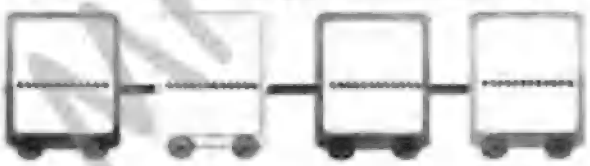
6 Write the numbers in a **descending** order:

36 , 21 , 54 , 93

43 , 52 , 42 , 15



67 , 39 , 8 , 18



65 , 47 , 58 , 13

Arrange the following numbers descendingly

(10 , 3 , 7 , 5 , 1)

The order : ..... , ... , ... , ... , ... , ...

Answer

The First number is .....

The Forth number is .....

The order of number 3 is .....

Arrange the following numbers ascendingly

(67 , 76 , 53 , 24 , 90 , 12)

The order : ..... , ... , ... , ... , ... , ...

Answer

The First number is .....

The third number is .....

The order of number 67 is .....

Complete as the example:

Example

21 , 23 , 25
The smallest number is 21
The greatest number is 25

a **82 , 73 , 96**
The smallest number is .....
The greatest number is .....

b **63 , 54 , 79**
The smallest number is .....
The greatest number is .....

c **79 , 48 , 24**
The smallest number is .....
The greatest number is .....

d **25 , 58 , 37**
The smallest number is .....
The greatest number is .....

e **37 , 89 , 46**
The smallest number is .....
The greatest number is .....

f **74 , 79 , 47**
The smallest number is .....
The greatest number is .....

g **94 , 59 , 99**
The smallest number is .....
The greatest number is .....

h **52 , 73 , 37**
The smallest number is .....
The greatest number is .....

Find the greatest and the smallest numbers that may be formed from two digits of the following as the example:

Example

The digits: 8 , 5
The smallest number is 58
The greatest number is 85

a The digits: **3 , 5**
The smallest number is .....
The greatest number is .....

b The digits: **8 , 2**
The smallest number is ...
The greatest number is ...

c The digits: **6 , 8**
The smallest number is .....
The greatest number is .....

d The digits: **7 , 5**
The smallest number is .....
The greatest number is .....

e The digits: **7 , 3**
The smallest number is .....
The greatest number is .....

f The digits: **3 , 9**
The smallest number is .....
The greatest number is .....

g The digits: **1 , 5**
The smallest number is .....
The greatest number is .....

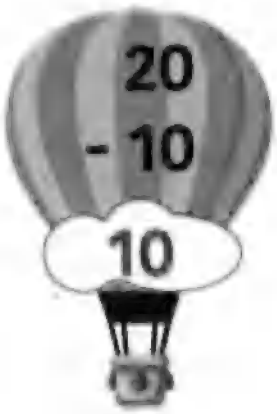
h The digits: **9 , 8**
The smallest number is .....
The greatest number is .....

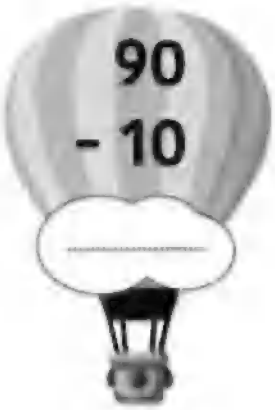
Subtracting The Multiples of 10 From The Multiples of 10

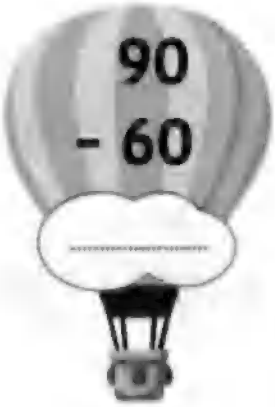
Subtract.

6 Tens	9 Tens	5 Tens
-2 Tens	-4 Tens	-5 Tens
____ Tens	____ Tens	____ Tens
7 Tens	6 Tens	8 Tens
-6 Tens	-1 Tens	-5 Tens
____ Tens	____ Tens	____ Tens
3 Tens	6 Tens	7 Tens
-1 Tens	-4 Tens	-3 Tens
____ Tens	____ Tens	____ Tens

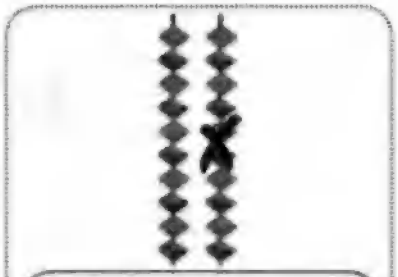
Subtract the numbers and write down the correct answer as the example:



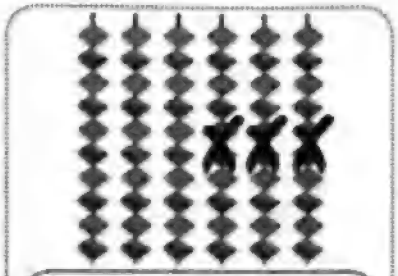




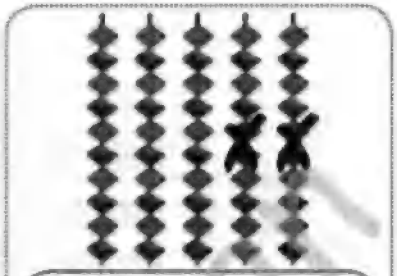
Subtract multiples of 10, then complete:



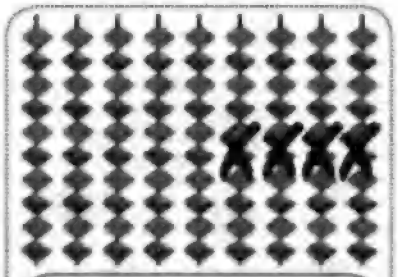
20 - 10 = 10



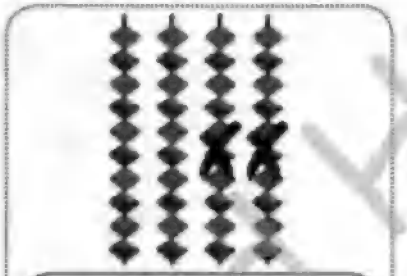
60 - 30 = _____



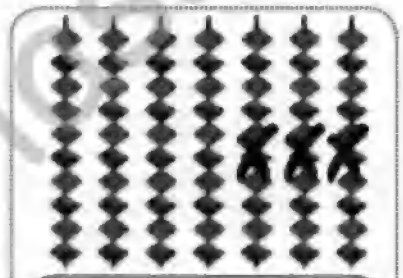
50 - 20 = _____



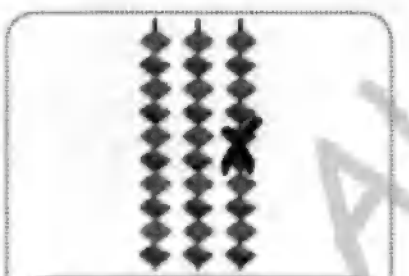
90 - 40 = _____



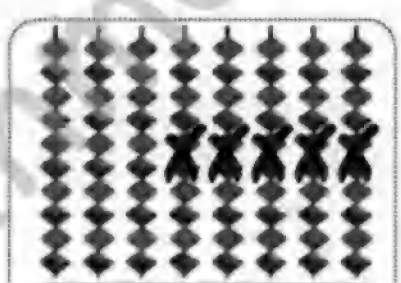
40 - 20 = _____



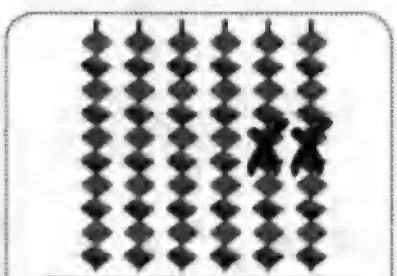
70 - 30 = _____



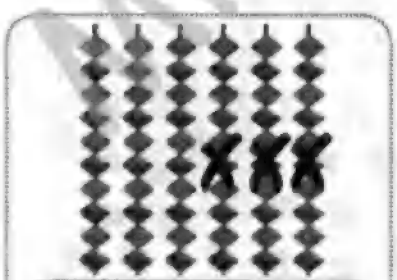
30 - 10 = _____



80 - 50 = _____

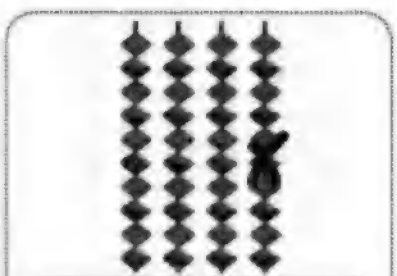


60 - 20 = _____



_____ - _____ = _____

_____ - _____ = _____

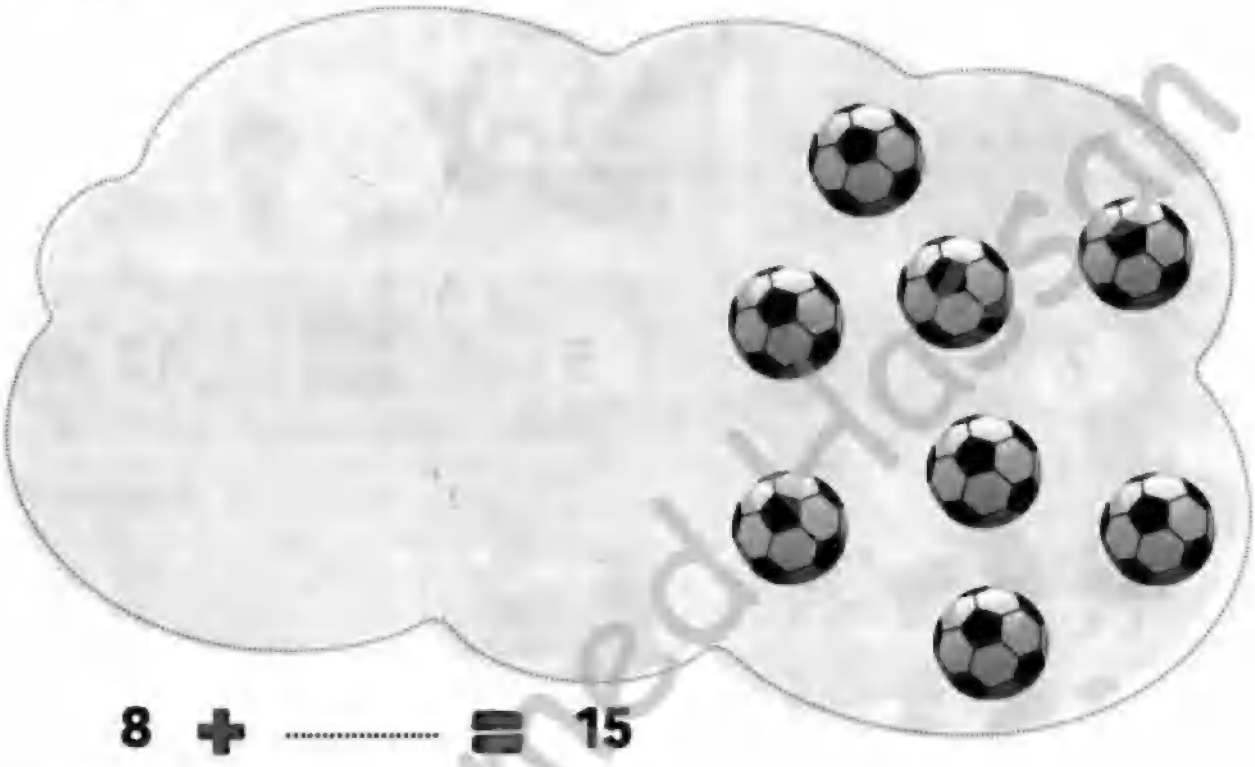


_____ - _____ = _____

Problem Solving (Addition)

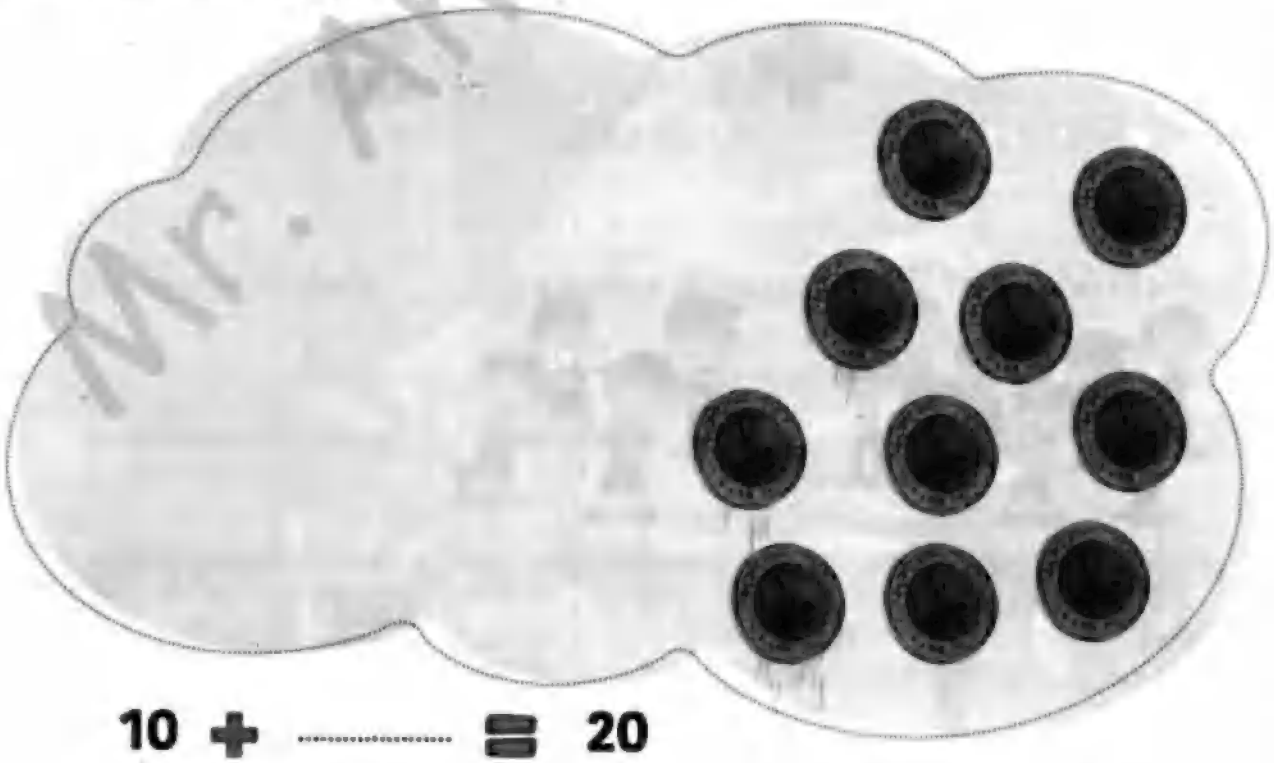
Draw and complete:

- **Draw balls to get 15 balls:**



8 + ... = 15

- **Draw coins to get 20 pounds:**



10 + ... = 20

Circle the correct answer.

10	+	◯	=	15	3 or 5 or 8
7	+	◯	=	17	10 or 12 or 9
13	+	◯	=	15	3 or 12 or 2
5	+	◯	=	12	7 or 6 or 5
◯	+	9	=	14	7 or 5 or 8
◯	+	6	=	14	4 or 8 or 6
◯	+	16	=	19	2 or 3 or 4
◯	+	13	=	17	4 or 14 or 3

1 Solve each of the following story problems:

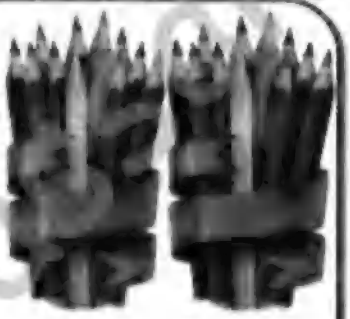
Heba has 8 marbles. Her mother gave her more marbles, so the total number of marbles became 13.

Find number of marbles that mother gave Heba.

The problem is: ..... + ... = ...

Soha has 8 pencils. She bought some extra pencils, the total number of pencils with Soha became 22.

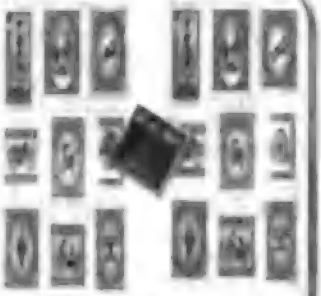
How many pencils did she buy?



The problem is: ..... + ... = ...

Shaza has 14 stamps. Her father gave her some more stamps. Now she has 19 stamps.

How many stamps did father give her?



The problem is: ..... + ... = ...

A farmer watered 6 trees in a day. The next day he watered some more trees. The total number of the watered tress became 14. How many trees did the farmer water on the second day?

The problem is: ..... + ... = ...

2 Write the missing numbers:

6 +..... = 9

5 +..... = 12

.....+ 6 = 14

13 +..... = 18

6 +..... = 20

12 +..... = 15

..... + 13 = 20

9 +..... = 16

10 +.....= 19

16 +.....= 20

..... + 3 = 19

..... + 5 =15

5 +.....= 15

13 +.....= 19

..... + 8 = 14

..... + 10 =17

5 +.....= 15

13 +.....= 19

..... + 8 = 14

..... + 10 =17

15 +.....= 15

11 +.....= 16

11 +..... = 20

13 +..... = 20

Problem Solving (Subtraction)

1 Solve each of the following story problems:

Hany has 12 bananas. He gave some of them to his brother and 7 bananas are left.
How many bananas did Hany give to his brother?

12 − ..... = 7

There were 14 sheep in a field. Some of them escaped, the number of sheep became 7.
How many sheep escaped?

14 − ..... = 7

2 Solve each of the following problems:

There are 15 eggs in a basket; some of them have been broken. 5 eggs are left. How many eggs have been broken?

15 − ..... = 5

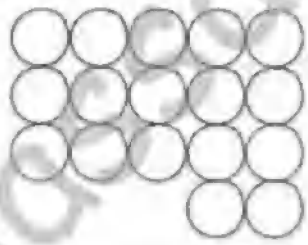
18 bees were flying, some of them went into the hive. 9 bees are still flying.
How many bees went into the hive?

18 − ..... = 9

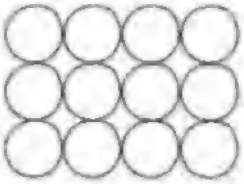
Write the missing number.

13 - ◯ = 4

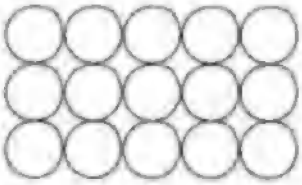
17 - ◯ = 5



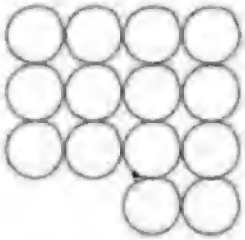
12 - ◯ = 9



15 - ◯ = 10



14 - ◯ = 7



Counting Forward & Backward

By ones & tens

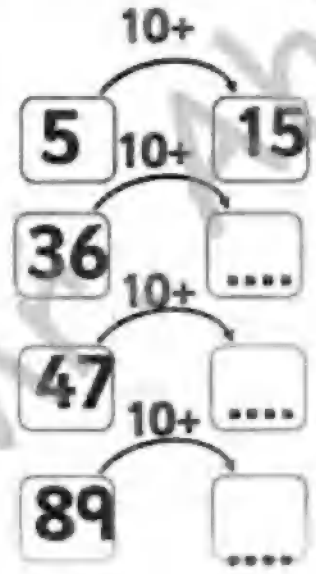
Counting by ones and tens using hundred chart:

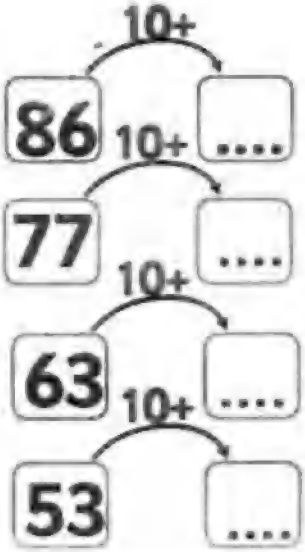
- **Fill the missing numbers:**

1	2	3	4	5	____	7	8	9	10
11	12	13	14	____	16	17	18	19	____
21	____	23	24	25	26	____	28	29	30
31	32	33	34	____	36	37	38	39	40
41	42	43	44	45	46	47	48	49	____
51	52	53	54	55	56	57	____	59	60
61	____	63	64	65	66	67	68	69	70
71	72	73	74	75	76	____	78	79	80
81	82	83	____	85	86	87	88	____	90
91	____	93	94	95	96	97	98	99	100

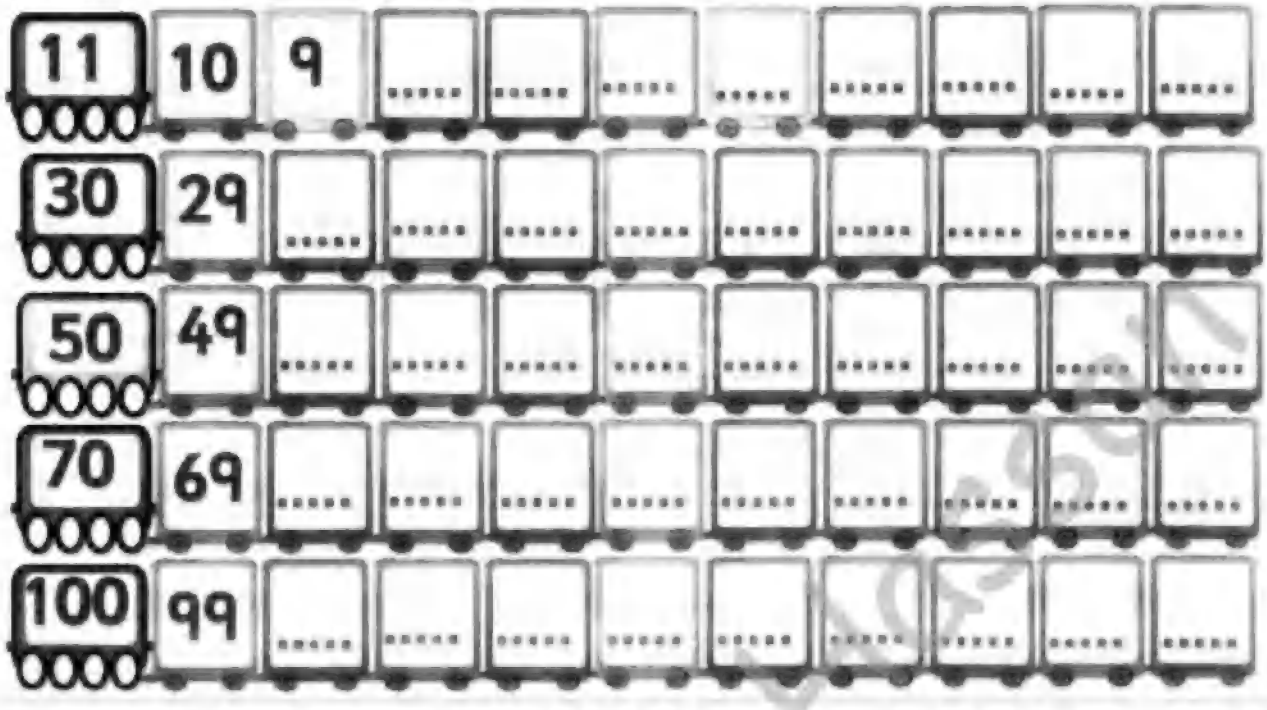
1 Complete by adding 10:

2 Add ten:



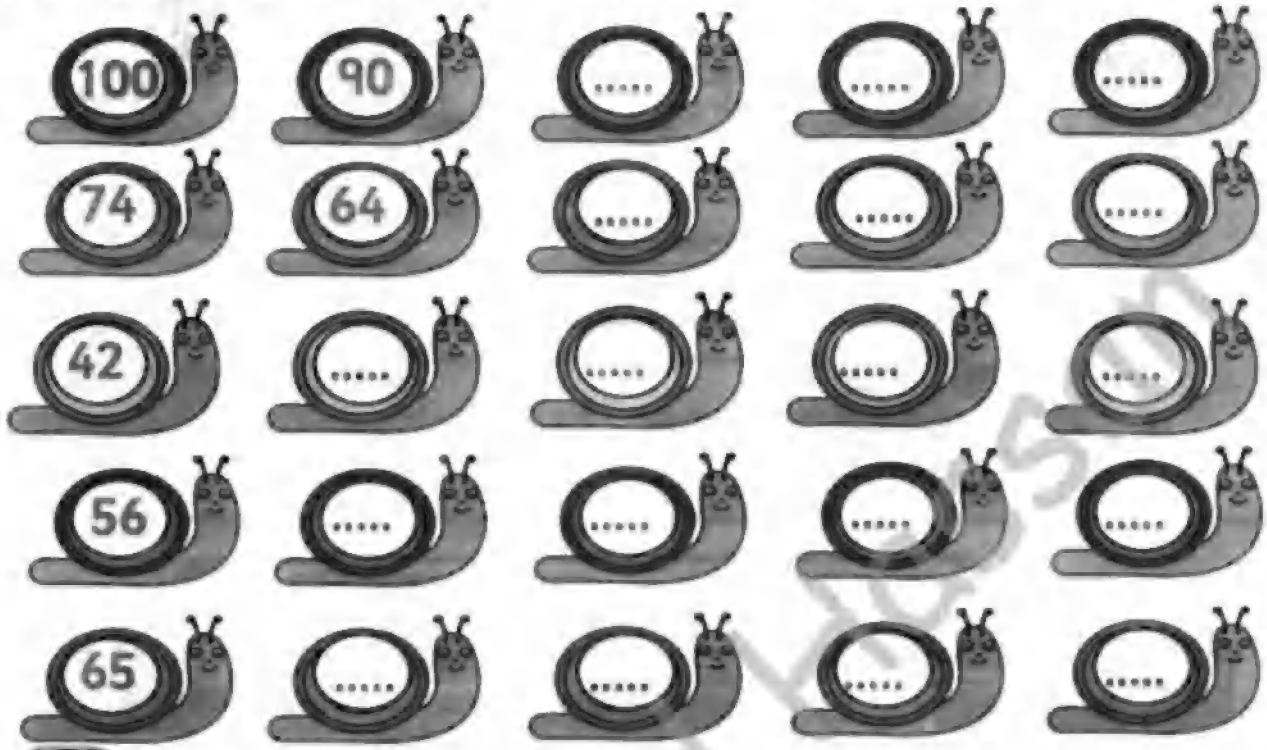


1 Write the amount of each set of notes:

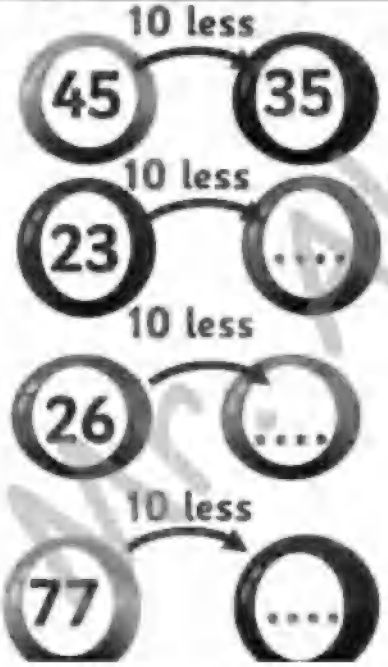


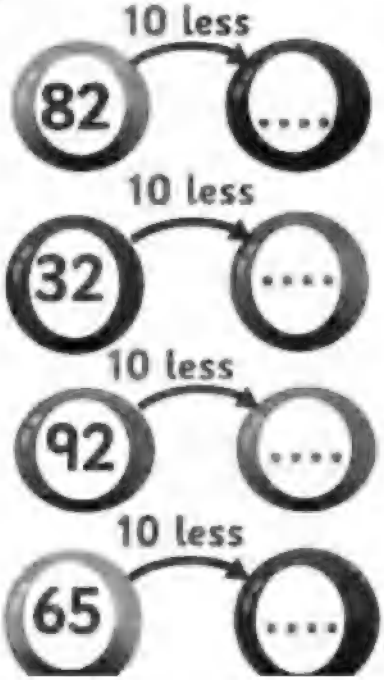
2 Count backward by ones and complete:

2 Count backward by tens and complete:



3 Subtract 10:





3 Complete:

..... is one more than 8	..... is one less than 2
..... is one more than 7	..... is one less than 10
..... is one more than 32	..... is one less than 15
43 is one more than	37 is one less than .....
56 is one more than	50 is one less than .....
76 is one more than	96 is one less than .....

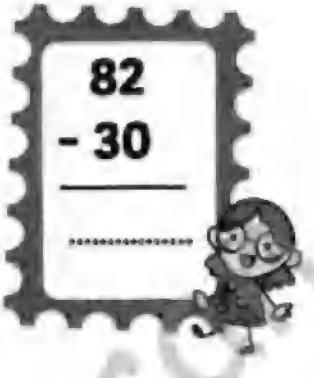
4 Complete:

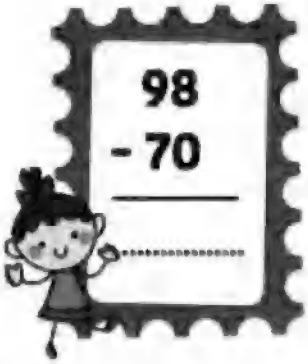
Subtracting multiples of 10 from 2-digit numbers

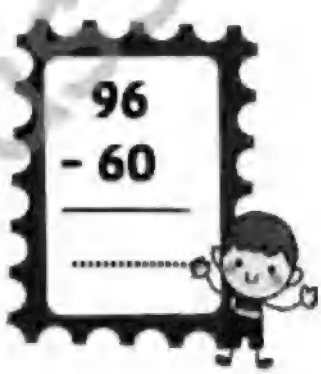
Using place value to solve subtraction problems:

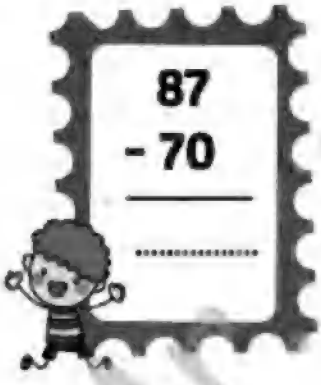
- **Subtract using place value:**

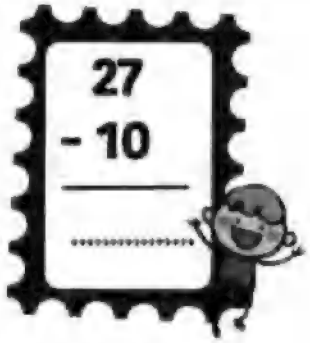
- **Find the difference, then match the equal results as the example:**











1 Use the 100 chart to find the result:

53 - 20 =.....

66 - 30 =.....

59 - 30 =.....

43 - 20 =.....

96 - 70 =.....

36 - 20 =.....

55 - 40 =.....

76 - 50 =.....

86 - 40 =.....

44 - 40 =.....

2 Subtract (subtract the ones column first, then the tens column:

second

Tens	Ones
4	6
− 3	0
1	6

First

Tens	Ones
5	8
− 4	0
....	8

Tens	Ones
6	7
− 2	0
....	....

Tens	Ones
8	3
− 5	0
.....	.....

Tens	Ones
7	5
− 3	0
.....	.....

Tens	Ones
3	4
− 2	0
.....	.....

3 Subtract:

43 − 20 = 23	76 − 30 = ...	93 − 20 = ...	66 − 40 = ...
57 − 30 = ...	56 − 10 = ...	42 − 10 = ...	52 − 40 = ...

4 Subtract:

↳ Don't forget to begin subtracting from the ones first or from the right.

53 − 40 = 13	43 − 30 = ...
76 − 30 = ...	55 − 40 = ...
87 − 50 = ...	66 − 40 = ...
79 − 50 = ...	88 − 80 = ...
68 − 30 = ...	75 − 10 = ...
84 − 30 = ...	93 − 60 = ...
79 − 40 = ...	87 − 40 = ...

4 Solve the problems:

Ali has LE 100, he bought a ball for LE 40.
How much money does he have now?

The left = ... – ..... = LE.....

Hady has LE 50, he bought a toy for LE 10.
What is the remainder with him?

The remainder = ... – ..... = LE.....

Mona has LE 73, she lost one pound.
How much money left with Mona now?

The left =.....–.....= LE.....

Saher has LE 82, he gave his brother LE 20.
How much money left with Saher now?

The left =.....–.....= LE.....

Adding multiples of 10 to 2-digit numbers

Tens	Ones
3	0
+ 5	0
____	____

Tens	Ones
5	6
+ 3	0
____	____

Tens	Ones
4	6
+ 4	0
____	____

Tens	Ones
7	7
+ 1	0
____	____

Add.

26 + 30 = ____	48 + 20 = ____	55 + 40 = ____
76 + 10 = ____		

Add.

22 + 50 = ____ 37 + 20 = ____

65 + 30 = ____ 46 + 40 = ____

1 Find the result:

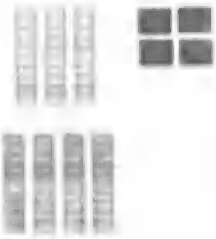
Tens	Ones
5	4
+ 3	0
.....	.....

54 + 30 = ...

Tens	Ones
+	
.....	.....

..... + ... = ...

Tens	Ones
+	
.....	.....



..... + ... = ...

Tens	Ones
+	
.....	.....

..... + ... = ...

2 Use the 100 chart to find:

53 + 30 = ...
57 + 30 = ...
56 + 20 = ...
85 + 10 = ...
63 + 20 = ...
47 + 20 = ...

77 + 20 = ...
65 + 30 = ...
63 + 30 = ...
72 + 20 = ...
53 + 40 = ...
51 + 30 = ...

3 Find the sum:

Tens	Ones
5	3
+ 2	0
.....	.....

Tens	Ones
4	3
+ 3	0
.....	.....

Tens	Ones
7	3
+ 3	0
.....	.....

Tens	Ones
5	8
+ 3	0
.....	.....

Tens	Ones
4	2
+ 5	0
.....	.....

Tens	Ones
8	6
+ 1	0
.....	.....

Tens	Ones
3	6
+ 2	0
.....	.....

Tens	Ones
6	3
+ 2	0
.....	.....

Decomposing a number within 10 into two parts

Draw objects to get the given number, then complete as the example:

$5 = 3 + \boxed{2}$

$8 = 3 + \boxed{\quad}$

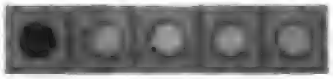
$6 = 5 + \boxed{\quad}$

$7 = 4 + \boxed{\quad}$

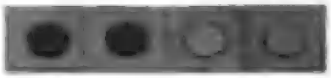
1 Complete as the example:

5 + 2 = 7

3 + ... =...



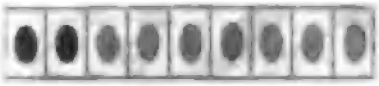
... + ... =...



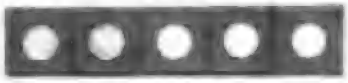
... + ... =...

... + ... =...

... + ... =...



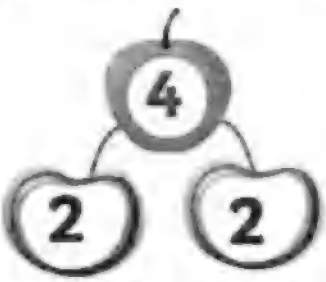
... + ... =...

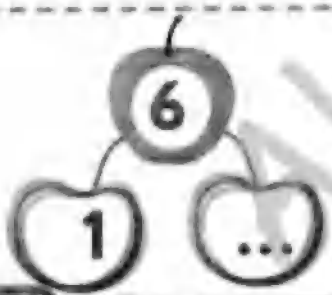


... + ... =...

... + ... =...

2 Complete by decomposing the given numbers:

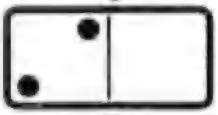




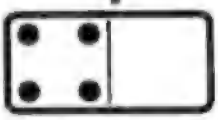
3 Draw dots to get the numbers:

3

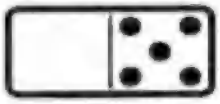
4



4

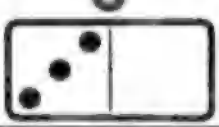


5



2

6



7

1

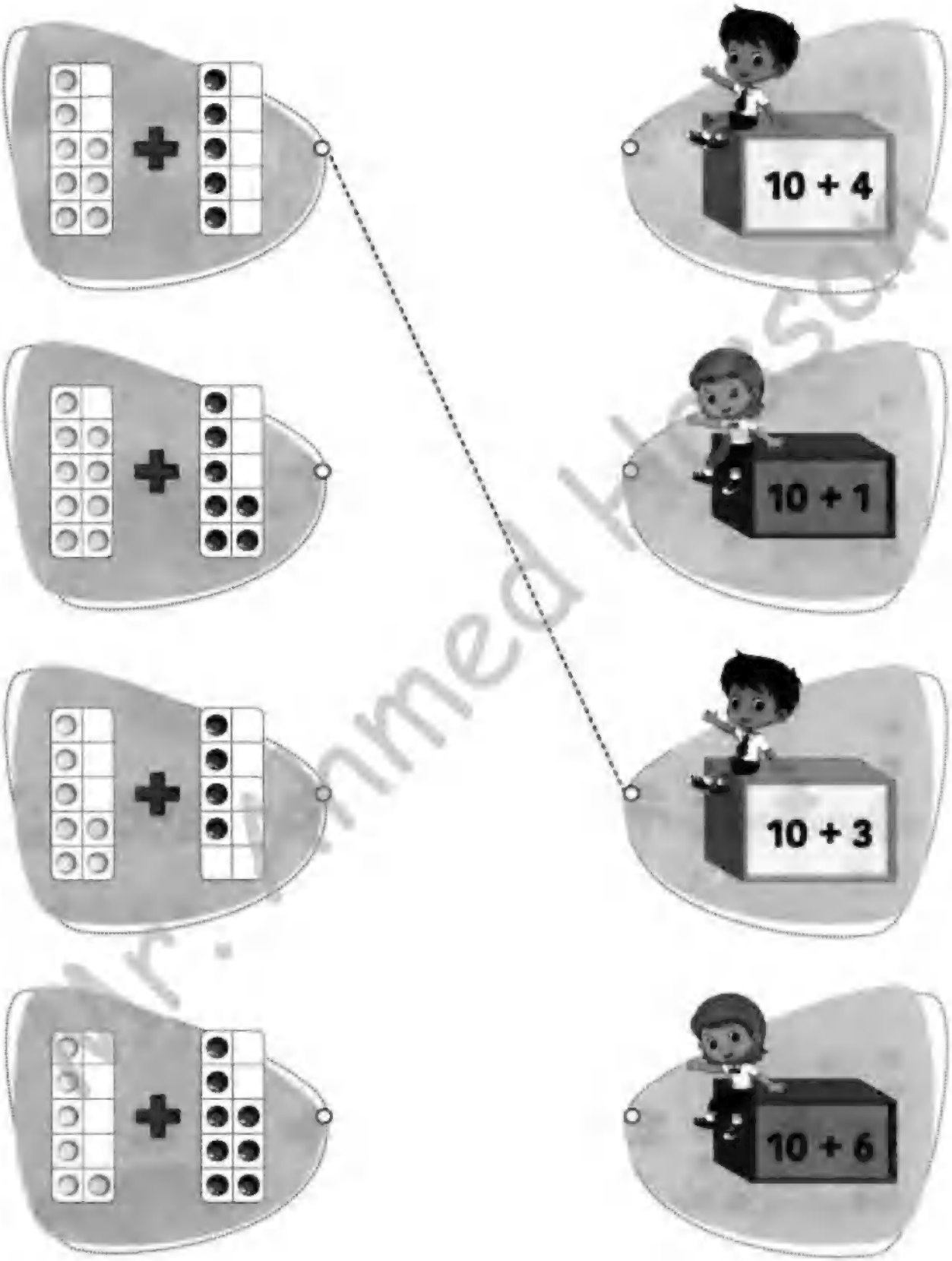
9

Make a 10 to add

Make a ten to add.

9 + 3 = 12	10 + 2 = 12	7 + 5 =
6 + 8 =		7 + 9 =
4 + 9 =		7 + 7 =
5 + 6 =		9 + 8 =

Add, then match as the example:



Make a ten to add.

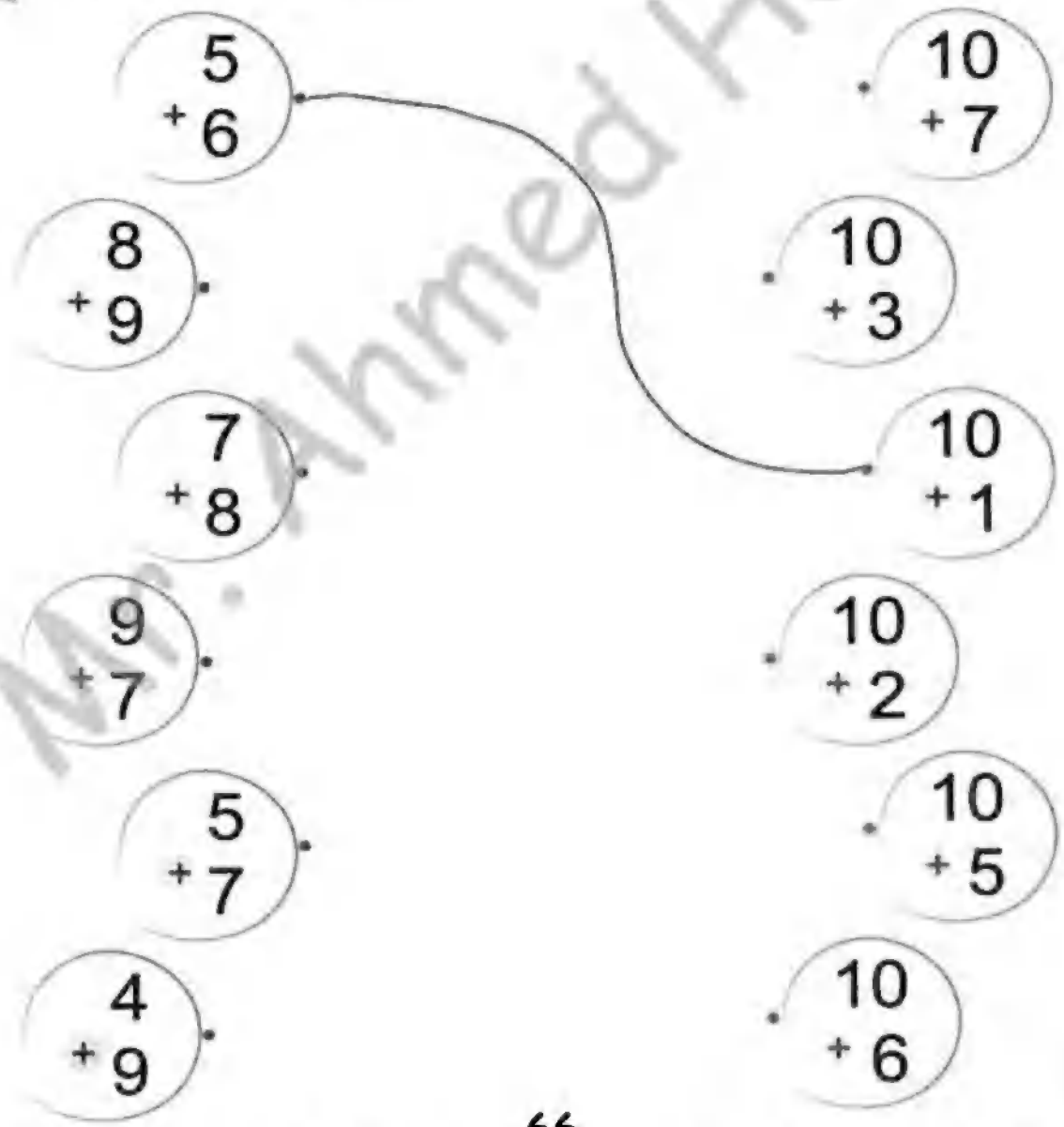
$7 + 5 = \overset{10}{\cancel{12}}$

$4 + 9 = \overset{10}{\cancel{13}}$

$6 + 5 = \overset{10}{\cancel{11}}$

$8 + 7 = \cancel{15}$

Match equal sums.



1 Complete as the example:

$+\overset{15}{\underset{4}{)}} = +\overset{10}{\underset{\underline{9}}{}}$ 19	$+\overset{16}{\underset{2}{)}} = +\overset{10}{\underset{\underline{\ldots\ldots}}{}}$ $\ldots\ldots$	$+\overset{13}{\underset{6}{)}} = +\overset{10}{\underset{\underline{\ldots\ldots}}{}}$ $\ldots\ldots$
$+\overset{12}{\underset{4}{)}} = +\overset{10}{\underset{\underline{\ldots\ldots}}{}}$ $\ldots\ldots$	$+\overset{5}{\underset{13}{)}} = +\overset{\ldots\ldots}{\underset{\underline{10}}{}}$ $\ldots\ldots$	$+\overset{4}{\underset{13}{)}} = +\overset{\ldots\ldots}{\underset{\underline{10}}{}}$ $\ldots\ldots$

2 Complete:

$15 \overset{+3}{\frown} 10 + 8 = 18$

$13 \overset{+6}{\frown} 10 + \ldots\ldots = \ldots\ldots$

$13 \overset{+5}{\frown} 10 + \ldots\ldots = \ldots\ldots$

$3 \overset{+14}{\frown} \ldots\ldots + 10 = \ldots\ldots$

$14 \overset{+4}{\frown} 10 + \ldots\ldots = \ldots\ldots$

$15 \overset{+4}{\frown} 10 + \ldots\ldots = \ldots\ldots$

$7 \overset{+12}{\frown} \ldots\ldots + 10 = \ldots\ldots$

$5 \overset{+13}{\frown} \ldots\ldots + 10 = \ldots\ldots$

3 Complete:

=

=

Adding 2 two-digit numbers

No regrouping: S1

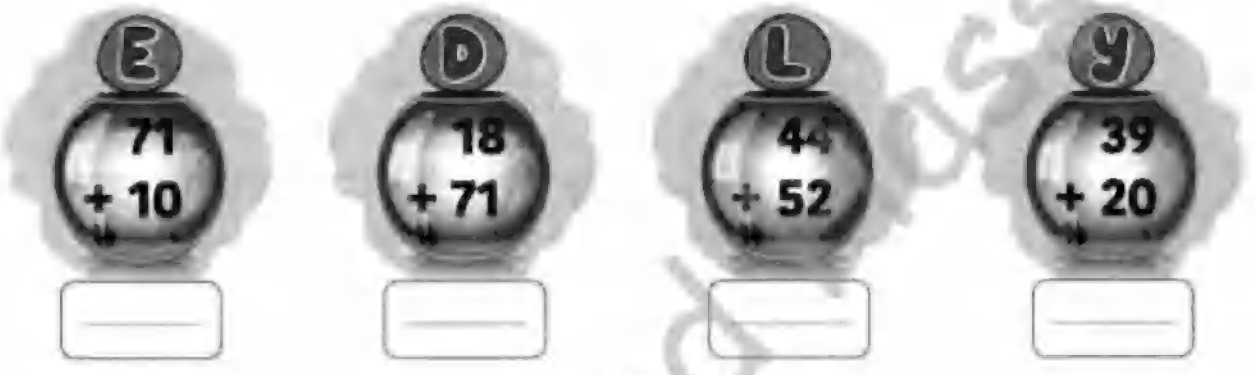
1) 20 + 9	2) 5 + 13	3) 31 + 6	4) 52 + 2
5) 1 + 44	6) 62 + 4	7) 40 + 8	8) 7 + 12
9) 35 + 3	10) 27 + 1	11) 6 + 53	12) 30 + 5
13) 11 + 4	14) 7 + 70	15) 64 + 3	16) 41 + 8
17) 60 + 2	18) 33 + 1	19) 2 + 15	20) 4 + 21

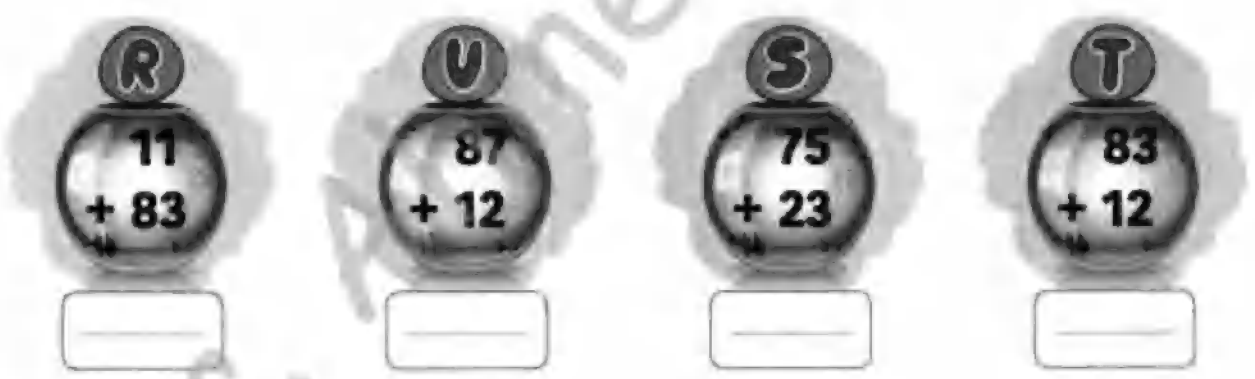
Find the result. Join.

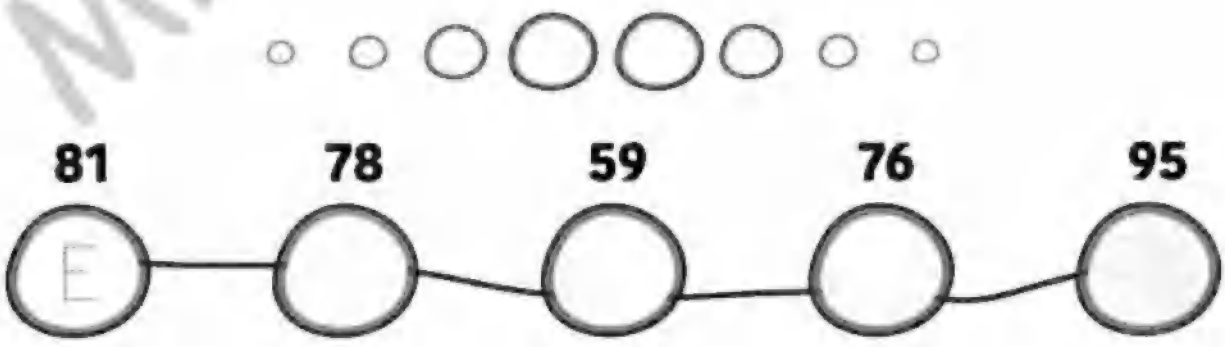
40 + 9	25
21 + 4	65
41 + 5	79
63 + 2	89
74 + 5	46
82 + 7	49

1) 16 + 13	2) 30 + 29	3) 42 + 33	4) 15 + 22	5) 51 + 18
6) 35 + 41	7) 25 + 40	8) 44 + 11	9) 60 + 19	10) 23 + 33
11) 13 + 31	12) 52 + 34	13) 26 + 23	14) 45 + 40	15) 14 + 14
16) 32 + 25	17) 33 + 33	18) 17 + 10	19) 55 + 44	20) 64 + 23
21) 11 + 15	22) 40 + 31	23) 21 + 21	24) 36 + 42	25) 12 + 11

- **Add these numbers to find the letters that spell out the hidden word:**







Notice:

First: Add the ones

$63 + 22 = 85$

Second: Add the tens

3 Add:

41 + 52 = ...	53 + 42 = ...	72 + 27 = ...	54 + 34 = ...	63 + 24 = ...
43 + 22 = ...	70 + 23 = ...	66 + 30 = ...	56 + 40 = ...	71 + 27 = ...

40 + 53 = ...	43 + 56 = ...
70 + 22 = ...	72 + 26 = ...
83 + 10 = ...	42 + 57 = ...
56 + 31 = ...	63 + 33 = ...

Subtracting 2 two-digit numbers

- **Subtract the two digit numbers, then circle the correct number:**

25 55 35

28 27 58

40 30 20

13 69 32

24 18 14

27 25 56

30 24 66

20 73 60

22 77 11

1 Complete:

48 - 22 = ...	53 - 32 = ...	67 - 25 = ...	42 - 32 = ...
73 - 22 = ...	54 - 32 = ...	46 - 22 = ...	78 - 62 = ...
54 - 22 = ...	58 - 22 = ...	77 - 13 = ...	70 - 30 = ...

First: subtract the ones

$53 - 21 = 32$

second: subtract the tens

43	- 22	=	.....
83	- 31	=	.....
46	- 22	=	.....

32	- 21	=	.....
44	- 33	=	.....
50	- 30	=	.....

Fact Family

Find the missing number in each box.

$7 + \square = 17$

$17 - 7 = \square$

$17 - \square = 7$

$\square + 7 = 17$

$11 - \square = 6$

$6 + \square = 11$

$\square + 6 = 11$

$11 - 6 = \square$

$4 + \square = 12$

$\square + 4 = 12$

$12 - \square = 4$

$12 - 4 = \square$

$15 - \square = 8$

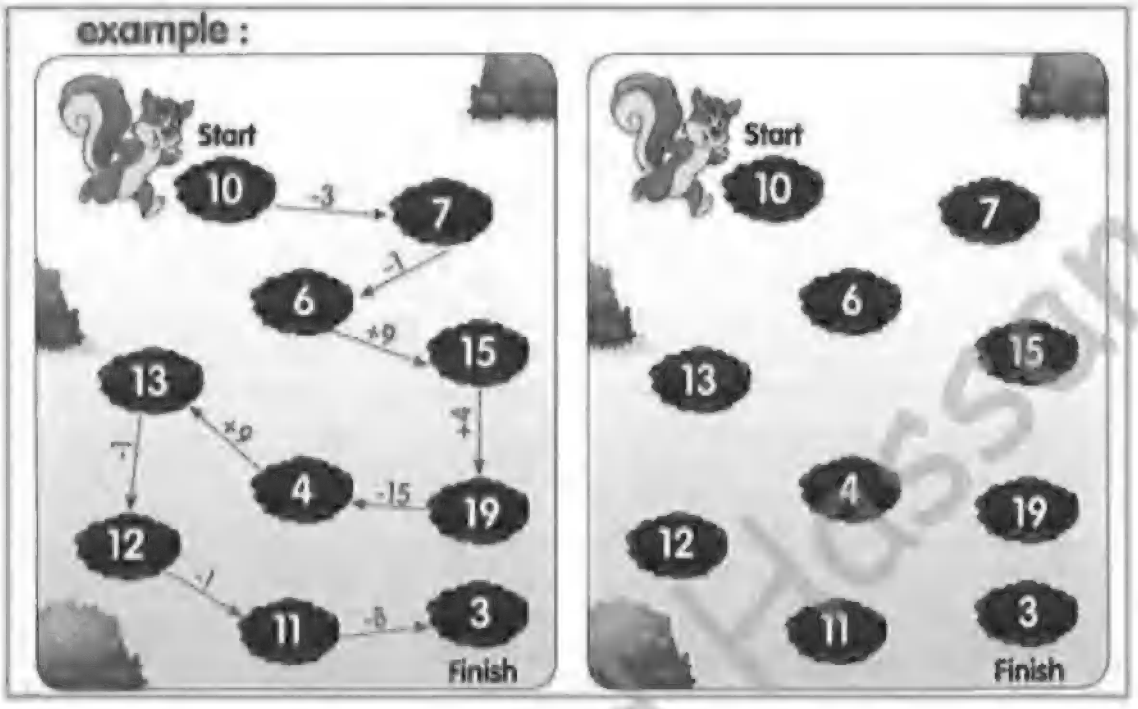
$15 - 8 = \square$

$8 + \square = 15$

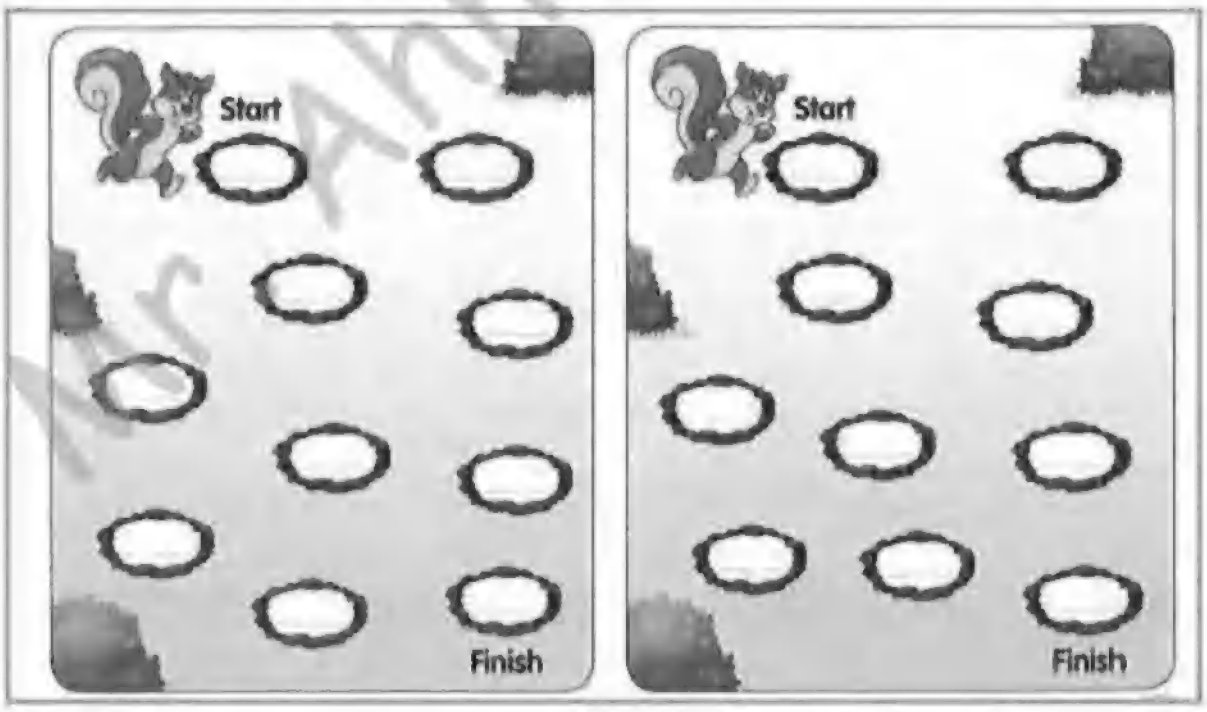
$\square + 8 = 15$

Help the  to find new path between the holes using addition and subtraction as in the example.

example :

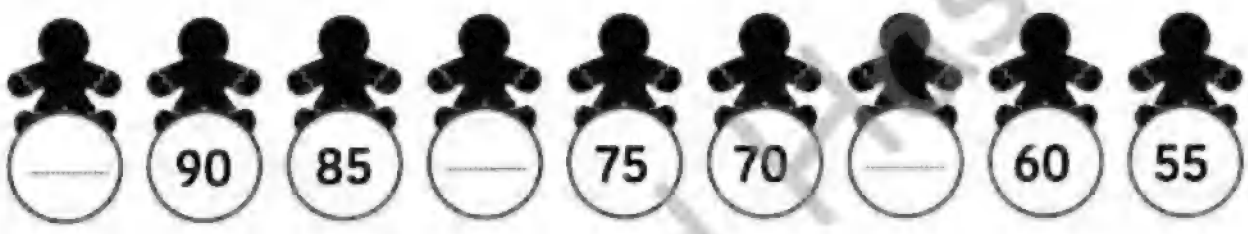


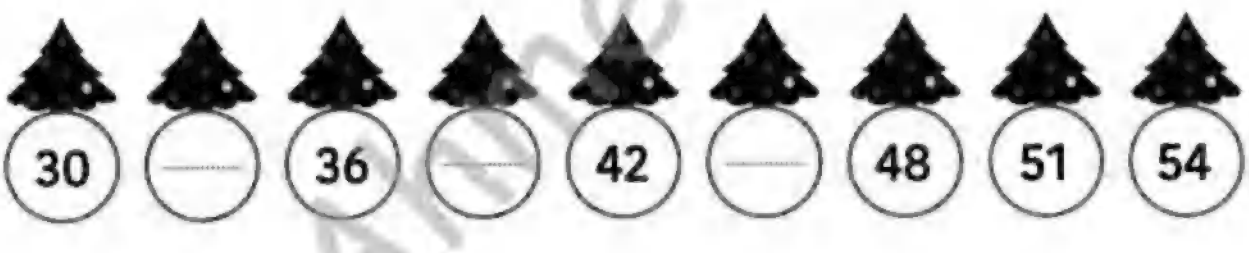
Put 10 numbers between 1 and 20 in each hole,then draw a path for  to visit all the holes.



Number Sequences

- **Fill the missing numbers to make a pattern:**





Discover the pattern and complete

- 42 , 44 , 46 , ... , ...
- 25 , 35 , 45 , ... , ...
- ..... , 34 , ... , 56 , 67
- 12 , 14 , 16 , ... , ...
- ..... , 19 , 17 , 13 , ... , ...

Choose the correct answer as in the example

- Two consecutive numbers their sum is 9 are .....

  (1,8 - 5,6 - 3,4)

- Two consecutive numbers their sum is 23 are .....

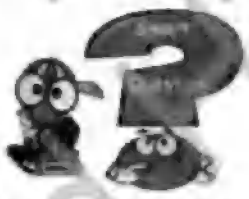
  (11,12 - 10,13 - 21,22)

- Two consecutive numbers their sum is 59 are .....

  (25,24 - 19,20 - 30,29)

Discover the pattern and complete

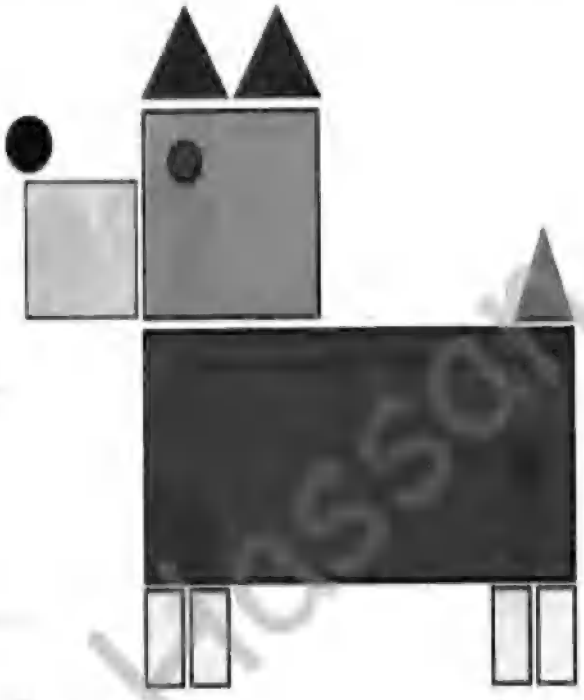
- 28 , 26 , 24 , ... , ...
- 85 , 80 , 75 , ... , ...
- ..... , 11 , ... , 15 , 17
- 12 , 10 , 8 , ... , ...
- ..... , 19 , 17 , 13 , ... , ...



Choose the correct answer as in the example

Two-dimensional shapes (2D shapes)

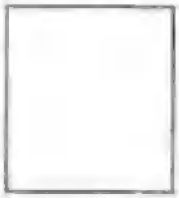
Look and count.



- How many squares ? _____
- How many triangles ? _____
- How many circles ? _____
- How many rectangles ? _____

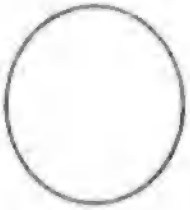
Complete each of the following.

- Number of sides is _____
- Number of corners is _____



- Number of sides is _____
- Number of corners is _____

- Number of sides is _____
- Number of corners is _____



- Number of sides is _____
- Number of corners is _____

2 Match with the suitable word:

Circle

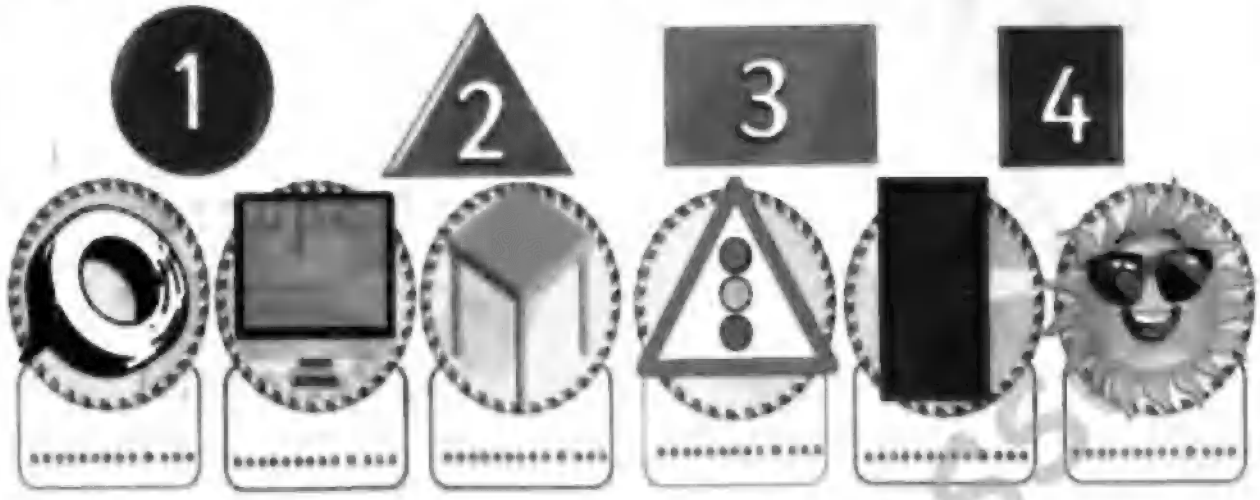
Triangle

Square

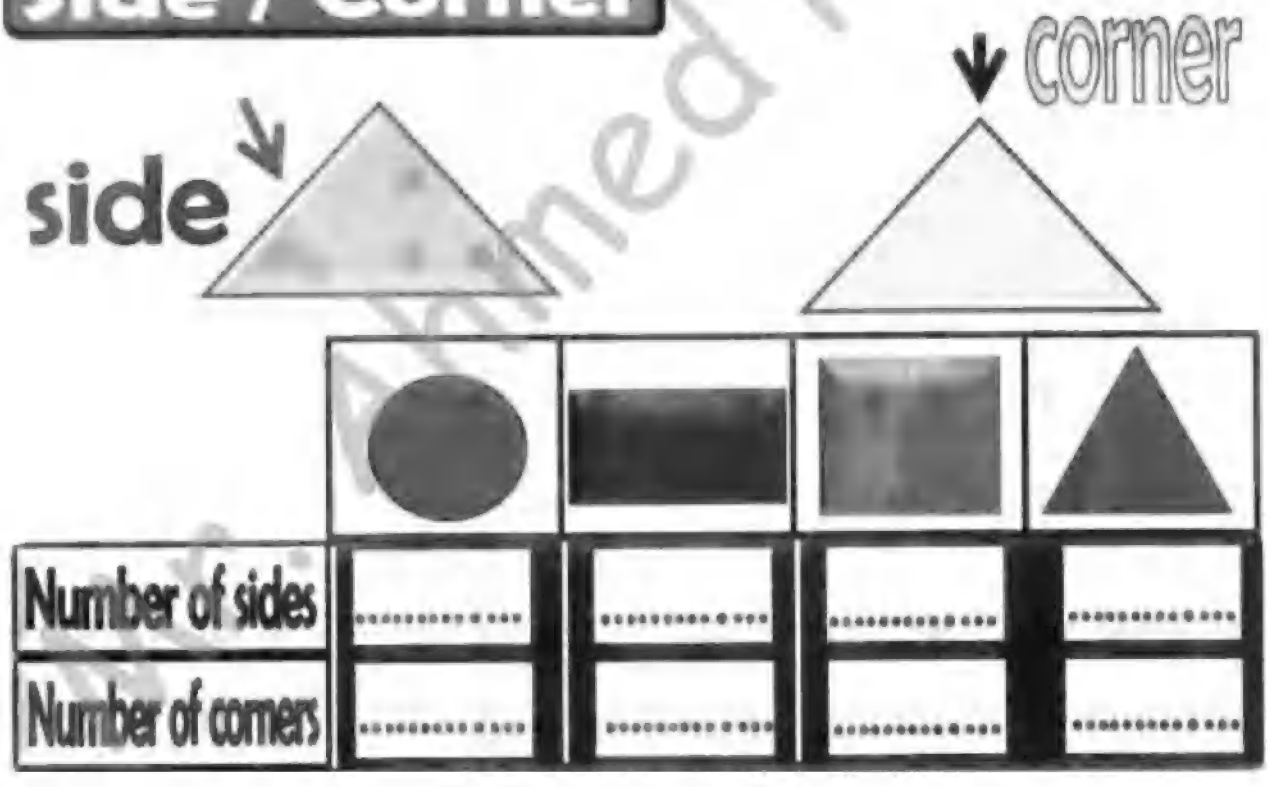
Rectangle

3 Match the same shapes:

4 Write the number of the similar shapes:



Side / Corner



Write the name of each shape four times




....

....

....

....

Join each shape with its name




Triangle

Square

Rectangle

Circle

Three-dimensional shapes (3D shapes)

Match as the example:

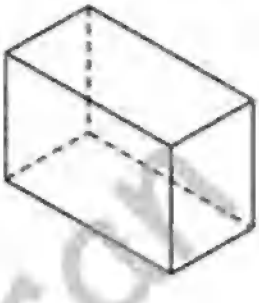
Cone

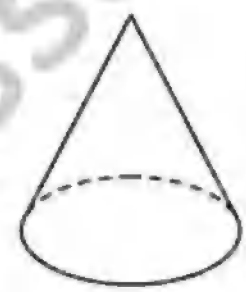
Sphere

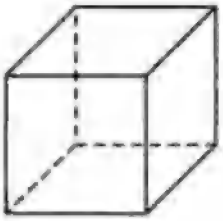
Cuboid

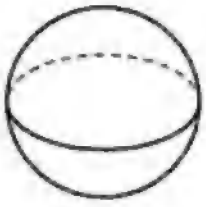
Cylinder

Cube

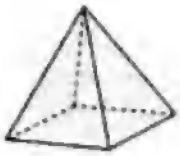








Name each solid and write the missing numbers.

Solid	Name	Corners	Edges	Flat faces	Curved face	Has a pointy top ?
	Cube	8	12	6	0	No
						
						Yes
			0			
					1	
		0				

Circle the correct one.

✿ How many faces of a cube?

4 **6** **8**

✿ How many corners of a rectangular prism?

12 **6** **8**

✿ What is the shape of the base of a cone?

square **triangle** **circle**

✿ What is the shape of each face of a cube?

rectangle **square** **triangle**

✿ How many circular bases of a cylinder?

1 **2** **3**

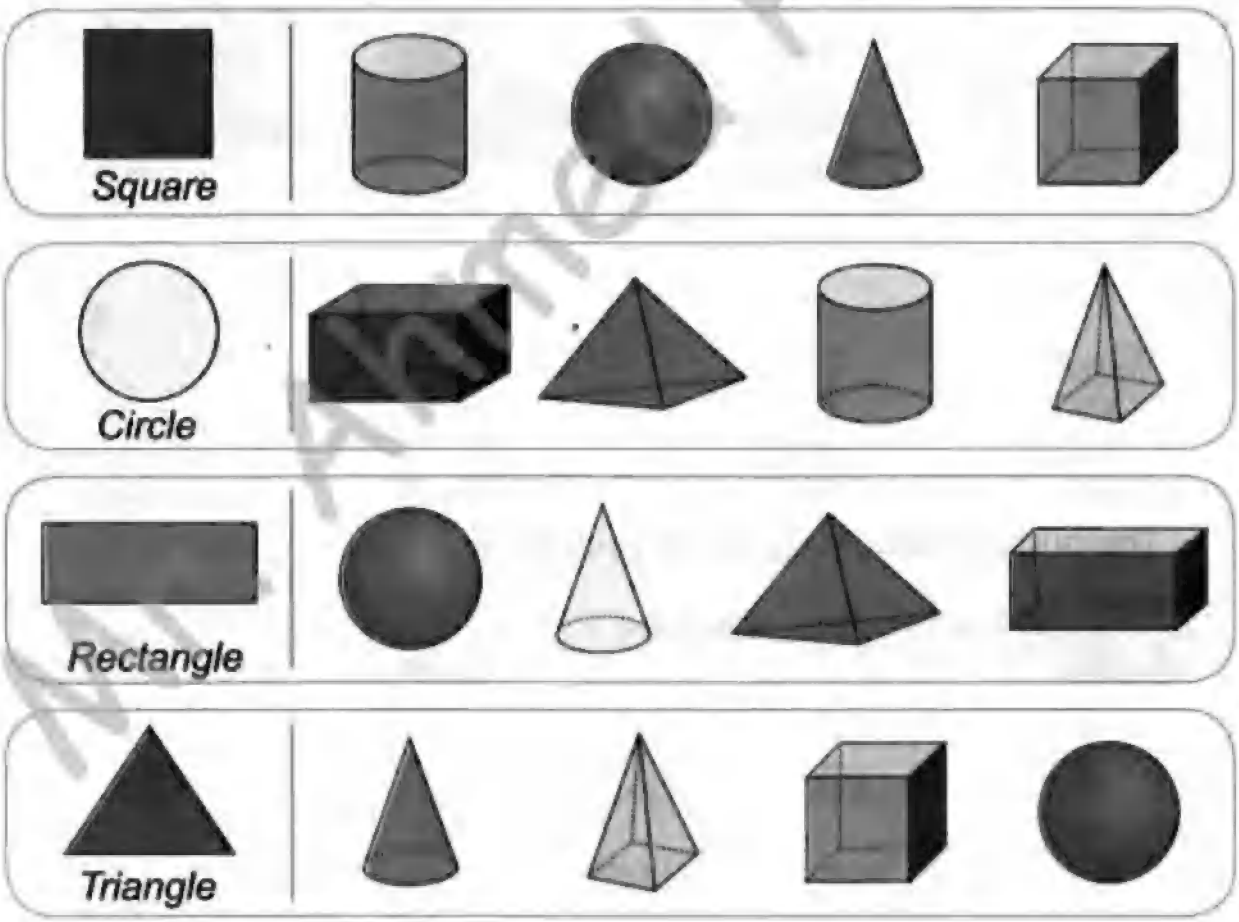
✿ How many corners of a sphere?

0 **1** **2**

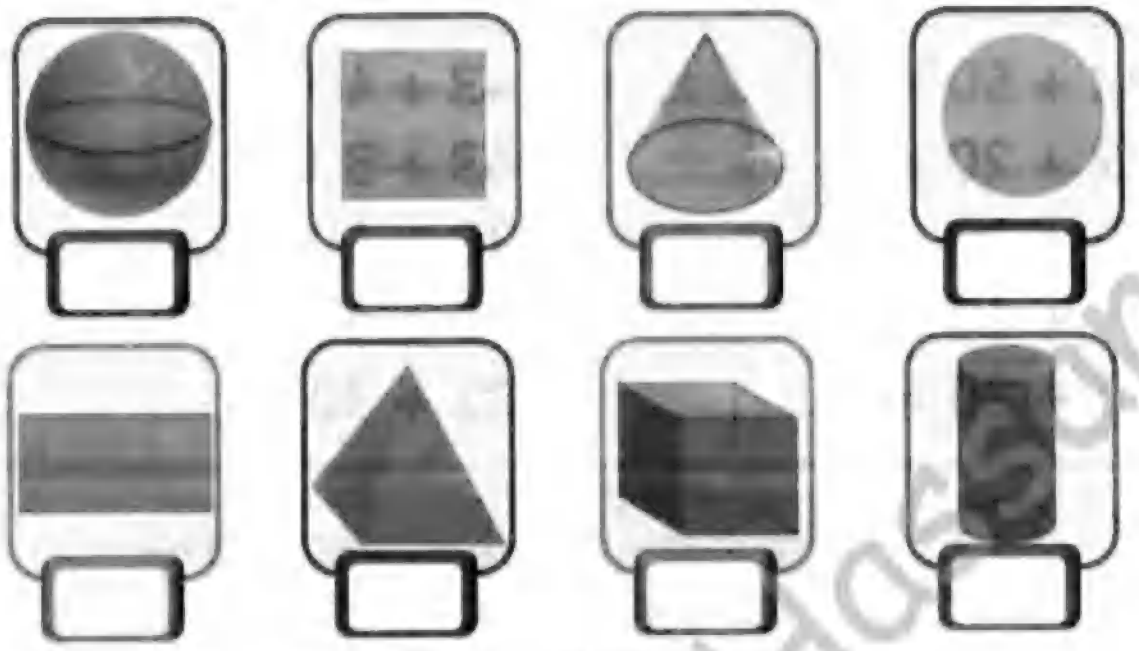
Complete.

- The base of the cone is in the shape of _____
- The number of corners of the cylinder = _____
- The number of edges of a cube = _____
- The number of corners of a cuboid = _____
- Each face of the faces of the cube is a _____
- The number of faces of a cuboid = _____

Circle the solid in which you can see the given shape.



1 Tick (✓) under the 3D shapes:



2 Match each shape with its name:

○cone ○pyramid ○sphere ○cube ○cuboid ○cylinder

3 Match the similar shapes:





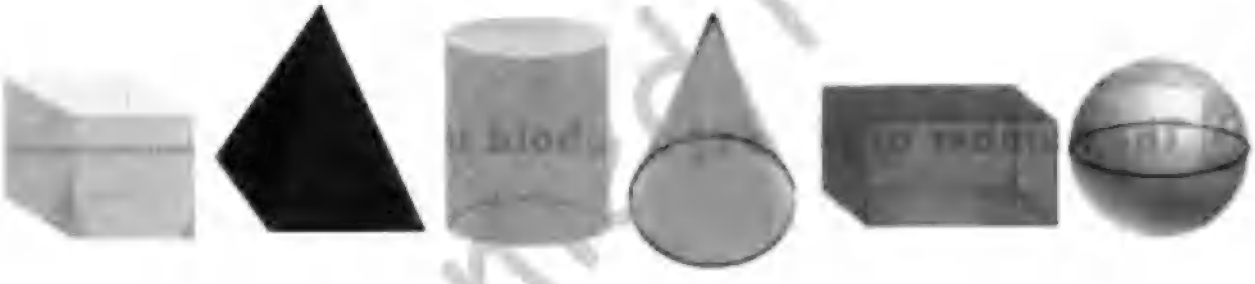




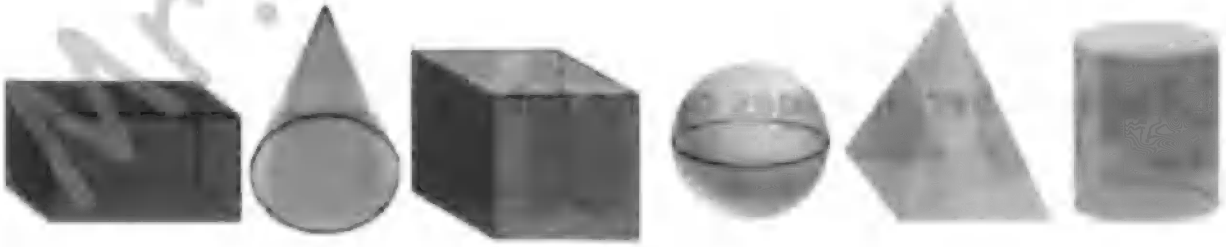



4 Circle each solid with only a curved face:

5 Circle each solid with only flat face:



6 Circle each solid with both curved and flat faces:



7 Choose the correct answer:

1) The number of circular bases of a cylinder: (1 - 2 - 3)

2) The number of corners of a rectangular prism: (8 - 12 - 6)

3) The number of faces of a cube: (6 - 8 - 4)

4) The number of corners of a sphere: (0 - 1 - 2)

5) The shape of the base of a cone is in the shape of:
(square - triangle - circle)

6) The shape of each face of cone is in the shape of:
(square - triangle - circle)

8 Complete:

1) The number of faces of a cuboid is .....

2) The number of corners of the pyramid is .....

3) The base of the cone is in the shape of .....

4) Each face of the cube is .....

5) The number of edges of the sphere is .....

Write the name of each solid 3 times

 Cube	.....	.....	.....
Cuboid 	.....	.....	.....
Pyramid 	.....	.....	.....
 cylinder	.....	.....	.....
 Cone	.....	.....	.....
Prism 	.....	.....	.....
Sphere 	.....	.....	.....

Circle each solid with its suitable Object

Pyramid

√

Sphere

Cube

Prism

Join

Prism

Cube

Cuboid

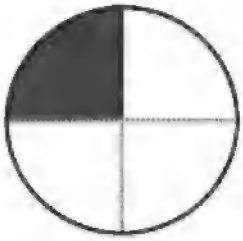
Cylinder

Pyramid

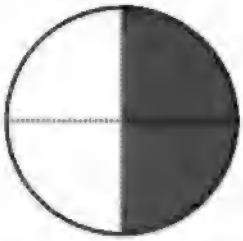
Cone

Fractions

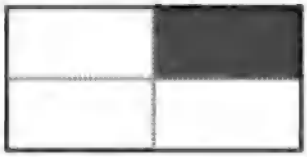
Circle the word that repersents the colored part:



○ Half ○ Three quarters ○ 1 quarter ○ One whole



○ Two quarters ○ Three fourths ○ 1 fourth ○ One whole

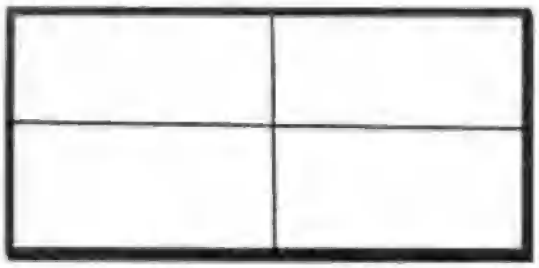


○ Three quarters ○ Half ○ 1 quarter ○ One whole

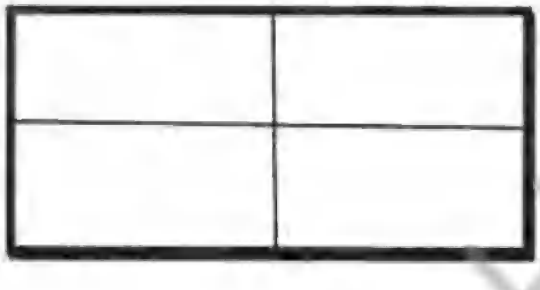
○ Two quarters ○ Three fourths ○ 1 quarter ○ One whole

○ Three quarters ○ 1 fourth ○ Two quarters ○ One whole

Color the shape according to the fraction

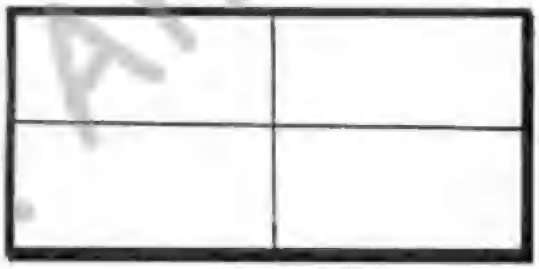


$\frac{2}{4}$

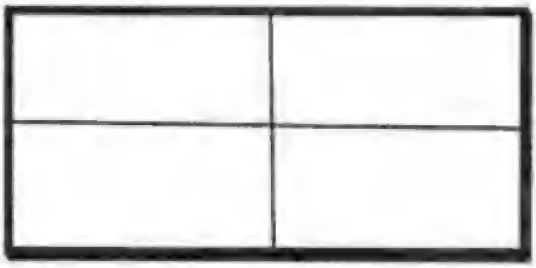


1

$\frac{1}{4}$

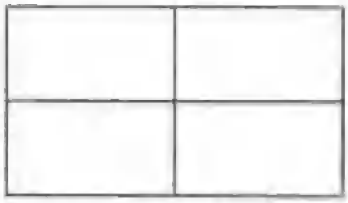


$\frac{3}{4}$



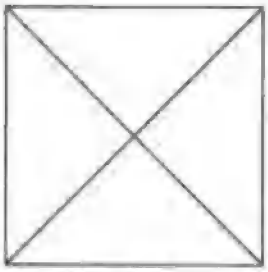
$\frac{1}{2}$

Color according to the required.



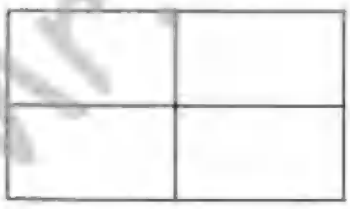
One half

One fourth

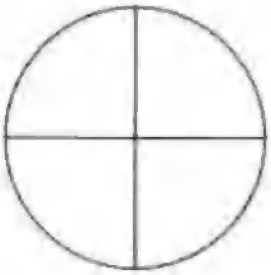


Two fourths

Three fourths

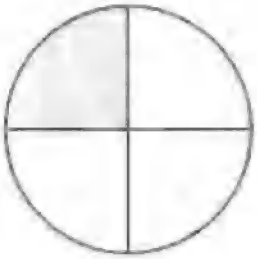


Four fourths



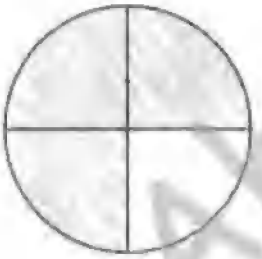
One whole

Circle according to the colored part.



Half Quarter

Half Quarter



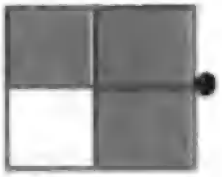
Quarter Three fourths

Half Quarter

1 Match according to the colored parts:

quarter

half



three quarters

2 Color according to the given words:

one half

one half

one quarter

three quarters

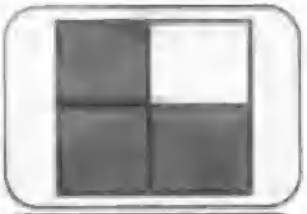
one whole

one quarter

one half

three fourths

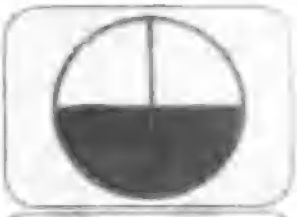
3 Circle according to the colored part:



- half
- three quarters

- half
- quarter

- half
- quarter



half

quarter

4 Choose the correct answer:

1- How many quarters are there in a whole one?

(1 - 2 - 3 - 4)

2- How many halves are there in a whole one?

(1 - 2 - 3 - 4)

3- How many quarters are there in a half?

(1 - 2 - 3 - 4)

4- How many halves are there in four quarters?

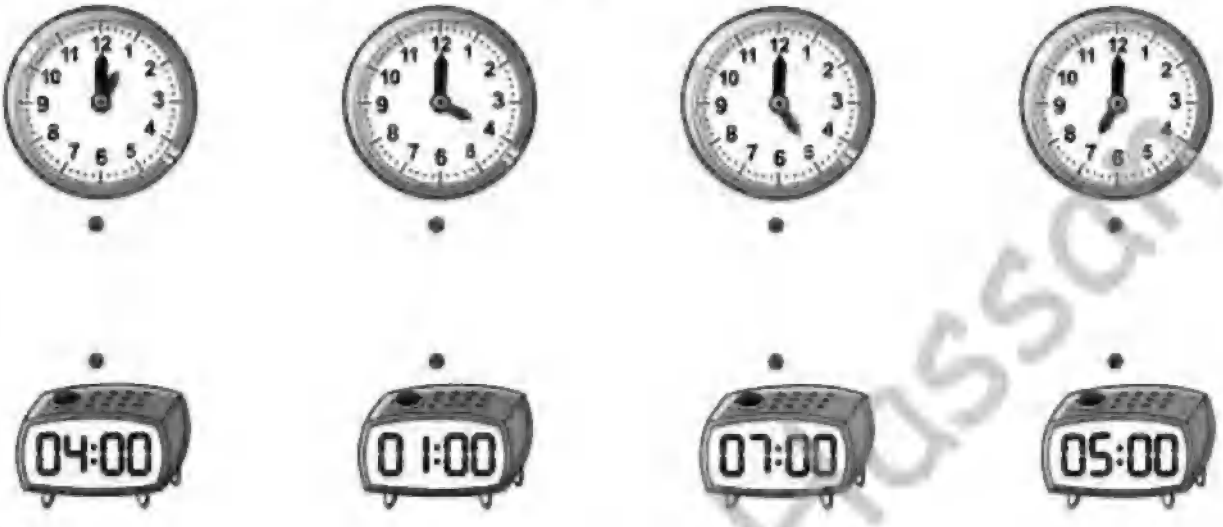
(1 - 2 - 3 - 4)

5- How many quarters in one half and one quarter together?

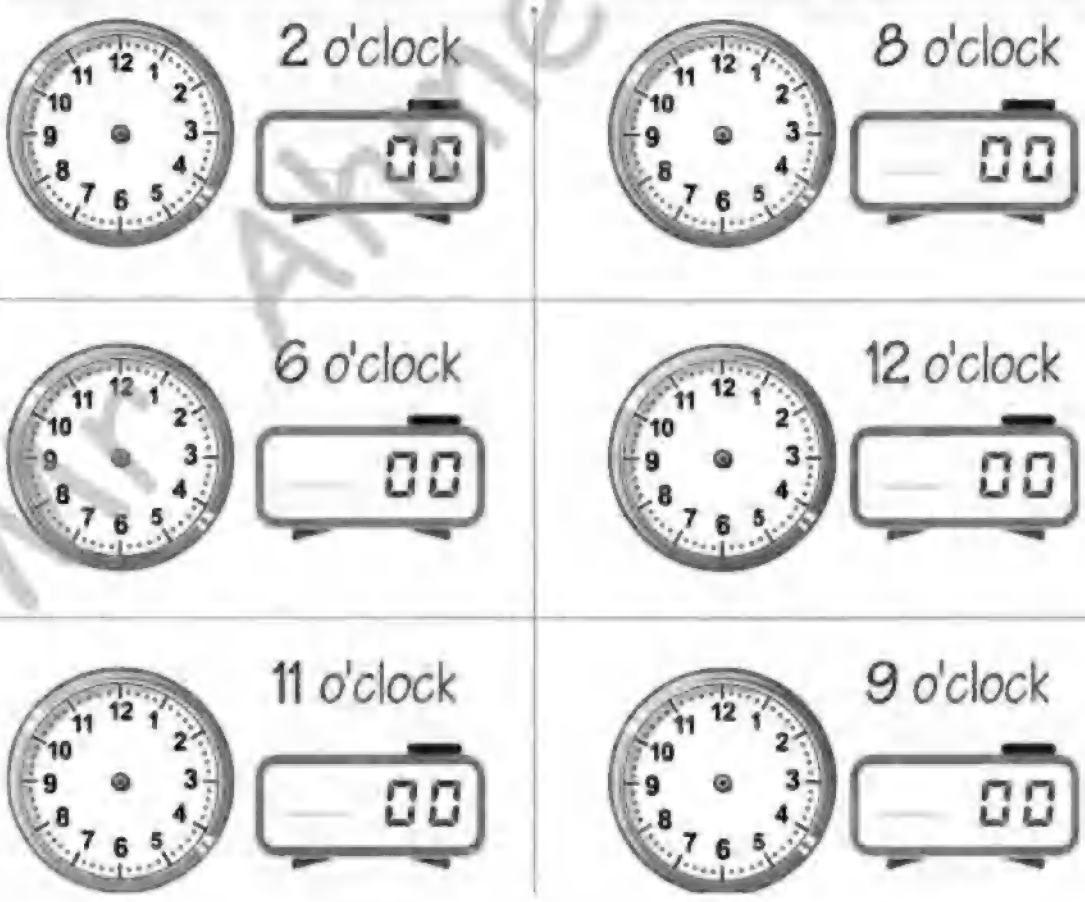
(1 - 2 - 3 - 4)

Telling time

Join the clocks that show the same time.



Draw the hour hand on each clock face.
Write the time on the digital clock.



Match the same time.

07 : 00

02 : 00

05 : 00

10 : 00

06 : 00

- It is **10** o'clock.
- It is **7** o'clock.
- It is **5** o'clock.
- It is **6** o'clock.
- It is **2** o'clock.

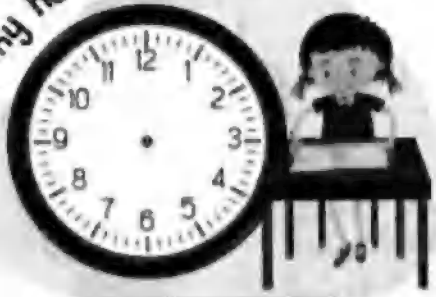
Get up!

6 : 00

Go to school

8 : 00

Do my homework

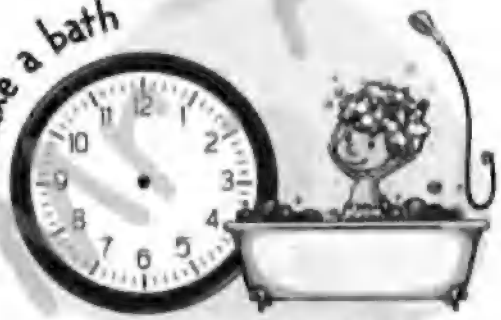


5 : 00

Play with my friends

7 : 00

Take a bath



8 : 00

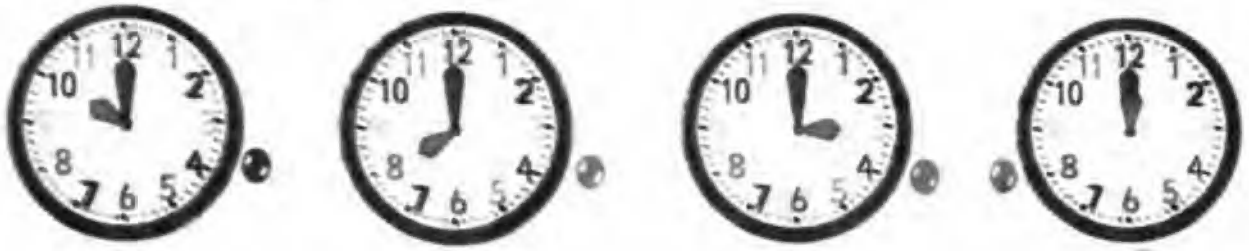
Go to bed

9 : 00

Activity 4 Join:

1 Write the time:

2 Match the same times:



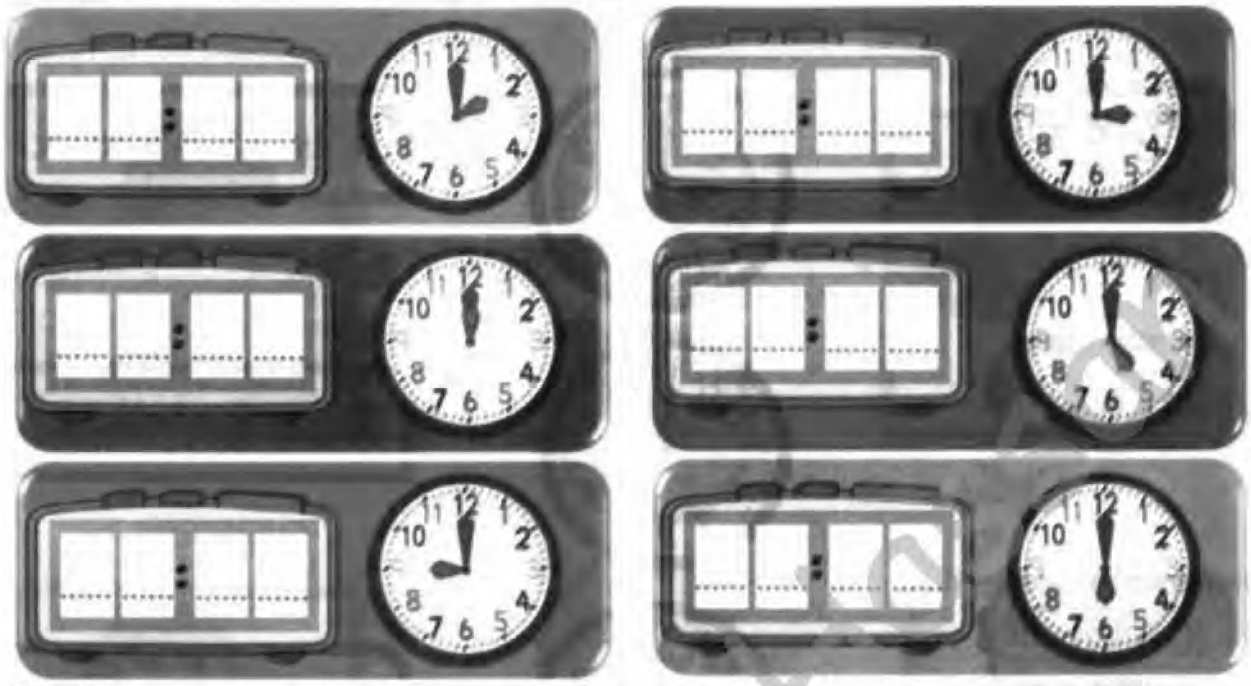
08:00 03:00 10:00 12:00

3 Draw the hour hand as the same digital hour:

09:00 04:00 03:00

07:00 06:00 05:00

4 Write the time in digits:



5 Draw the hands, then write the time in digits: